



CITY OF PORT MOODY

*Five Year
Financial
Plan*

FOR YEARS 2017-2021

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CITY OF PORT MOODY

CAPITAL BUDGET

FOR YEARS 2017-2021



CITY OF PORT MOODY

Project Summaries

2017-2021 FINANCIAL PLAN

2017 - 2021 Project Summaries

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
City Administration									
City Manager									
2. High	Council Strategic Plan Goals	Council Strategic Priorities Reserve	150,000	-	-	-	-	Page 1	OCM17001
2. High	Mayor's Community Events	Council Strategic Priorities Reserve	5,000	5,000	5,000	5,000	5,000	Page 2	OCM17002
City Manager Projects Total			155,000	5,000	5,000	5,000	5,000	2	
City Administration Projects Total			155,000	5,000	5,000	5,000	5,000	2	

Community Services

Cultural Services									
0. Pre-Approved	Moody Street Overpass Public Art (Knots) Garden Maintenance	Art Works Reserve	3,000	-	-	-	-	Page 3	OCU17001
0. Pre-Approved	Canada 150 Celebration	Council Strategic Priorities Reserve	50,000	-	-	-	-	Page 4	OCU17002
2. High	Replacement of Cultural Services Van	Equipment Replacement Reserve Fund	-	-	36,750	-	-	Page 5	
2. High	Public Art Program Coordination	Art Works Reserve	16,400	16,700	17,000	17,340	17,700	Page 6	OCU17003
2. High	Film Projector Replacement	Asset Reserve - Equipment - City	-	-	-	31,000	-	Page 7	
2. High	Replacement of concert audio console and misc audio equipment	Asset Reserve - Equipment - City	-	-	-	28,000	-	Page 8	
2. High	Wired and Wireless Microphone Replacement	Asset Reserve - Equipment - City	-	-	-	20,000	-	Page 9	
2. High	Replacement of Fesnel Lights	Asset Reserve - Equipment - City	-	-	-	24,000	-	Page 10	
2. High	Council Projector Replacement	Asset Reserve - Equipment - City	14,000	-	-	-	-	Page 11	CCU17101
2. High	Replacement of Bistro Bar Fridge	Asset Reserve - Equipment - City	6,000	-	-	-	-	Page 12	CCU17102
2. High	Museum Railway Plinths /RR crossing rebuild	Asset Reserve - Unallocated	35,000	-	-	-	-	Page 13	CCU17103
2. High	Museum Back Deck Replacement	Asset Reserve - Unallocated	20,000	-	-	-	-	Page 14	CCU17104
2. High	Inlet Theatre Stage Refinishing and Drapery Cleaning	Asset Reserve - Unallocated	-	-	20,000	-	-	Page 15	
3. Medium	Compressor/gates, patch bay, drive rack and presentation computer	Asset Reserve - Equipment - City	-	9,500	-	-	-	Page 16	
2. High	Mackie SM250 and Amplifier Replacement	Asset Reserve - Equipment - City	-	-	-	-	7,500	Page 17	
2. High	Video System Upgrade	Asset Reserve - Equipment - City	-	-	-	-	20,000	Page 18	
2. High	Council Presentation Video Screen	Asset Reserve - Equipment - City	10,000	-	-	-	-	Page 19	CCU17105
2. High	Bistro Gate	Asset Reserve - Equipment - City	12,000	-	-	-	-	Page 20	CCU17106
2. High	Bistro/Galleria Tables and Benches	Asset Reserve - Equipment - City	-	-	-	-	10,000	Page 21	
Cultural Services Projects Total			166,400	26,200	73,750	120,340	55,200	19	

Facilities									
2. High	Facilities Fleet - Replace FC051 - 2008 Ford F250	Equipment Replacement Reserve Fund	-	44,500	-	-	-	Page 22	
0. Pre-Approved	Facilities Fleet - Replace FC050 - 2009 Ford Econo Van	Equipment Replacement Reserve Fund	55,000	-	-	-	-	Page 23	CFC17109
0. Pre-Approved	Facilities Fleet - Replace FC058 - 2007 Ford Econo Van with Ford Transit	Equipment Replacement Reserve Fund	42,750	-	-	-	-	Page 24	CFC17107
2. High	Facilities Fleet - Replace FC056 - 2010 Ford Econo Van with Transit	Equipment Replacement Reserve Fund	-	-	-	44,250	-	Page 25	
2. High	Recreation Complex - Exterior building mounted and parking lot relamping, 2 year cycle	Asset Reserve - Facilities Maintenance	-	9,000	-	-	-	Page 26	
2. High	HMCC - Replace hydronic loop recirculation pump	Asset Reserve - Facilities Maintenance	-	-	14,500	-	-	Page 27	
2. High	Civic Centre - Drain tile investigation	Asset Reserve - Facilities Maintenance	-	8,000	-	-	-	Page 28	
2. High	Glenayre Centre - Fire Life Safety component replacement	Asset Reserve - Facilities Maintenance	-	-	-	80,000	-	Page 29	
2. High	Fire Hall 2 - Exterior Repairs	Asset Reserve - Facilities Maintenance	-	-	-	90,000	-	Page 30	
2. High	Arts Centre - Elevator replacement	Asset Reserve - Facilities Maintenance	-	-	75,000	-	-	Page 31	
2. High	Fire Hall 2 - Envelope condition assessment	Asset Reserve - Facilities Maintenance	45,000	-	-	-	-	Page 32	OFC17004
2. High	Fire Hall 2 - Fire alarm system replacement	Asset Reserve - Facilities Maintenance	-	-	-	50,000	-	Page 33	
2. High	Recreation Complex - Interior Painting	Asset Reserve - Facilities Maintenance	-	-	60,000	-	-	Page 34	
2. High	Facilities - Guard rail inspection, multiple facilities	Asset Reserve - Facilities Maintenance	-	60,000	-	-	-	Page 35	
2. High	Recreation Complex - Replace tile flooring second floor SRC	Asset Reserve - Facilities Maintenance	-	150,000	-	-	-	Page 36	
2. High	Old Mill Boathouse - Exterior repairs and painting	Asset Reserve - Facilities Maintenance	-	-	-	54,000	-	Page 37	
2. High	Westhill Pool - Pool water to sanitary design	Asset Reserve - Facilities Maintenance	-	50,000	-	-	-	Page 38	
2. High	Facilities - Replace hot water tanks and furnaces - multiple buildings, one of two	Asset Reserve - Facilities Maintenance	-	-	70,000	-	-	Page 39	
2. High	Facilities - Multiple buildings, electrical system scan, service and repairs	Asset Reserve - Facilities Maintenance	-	350,000	-	-	-	Page 40	
0. Pre-Approved	Old Orchard Hall Caretaker Residence - Complete refurbishment	Asset Reserve - Facilities Maintenance	350,000	-	-	-	-	Page 41	CFC17103
2. High	Facilities - HVAC controls replacement	Asset Reserve - Facilities Maintenance	-	-	-	80,000	-	Page 42	
2. High	Facilities - Replace hot water tanks and furnaces - multiple buildings, two of two	Asset Reserve - Facilities Maintenance	-	-	-	-	79,000	Page 43	

2017 - 2021 Project Summaries

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
2. High	Recreation Complex - Installation of public address sound system for the entire complex	Asset Reserve - Facilities Maintenance	80,000	-	-	-	-	Page 44	CFC17111
2. High	Recreation Complex - Hot water storage tank replacement	Asset Reserve - Facilities Maintenance	-	-	-	87,000	-	Page 45	
2. High	Westhill Centre - Roof Replacement	Asset Reserve - Facilities Maintenance	-	-	-	155,000	-	Page 46	
2. High	Old Orchard Hall - Exterior repairs	Asset Reserve - Facilities Maintenance	-	-	500,000	-	-	Page 47	
2. High	Fire Hall 2 - HVAC replacement	Asset Reserve - Facilities Maintenance	-	-	-	50,000	-	Page 48	
3. Medium	Old Orchard Hall - Exhaust fan replacement	Asset Reserve - Facilities Maintenance	-	-	-	-	16,000	Page 49	
2. High	Carpenters Shop - Construction - Safety Systems, Dust and Electrical	Asset Reserve - Facilities Maintenance	200,000	-	-	-	-	Page 50	CFC17112
3. Medium	Recreation Complex - Parking lot expansion	Off Road Parking Fund	85,000	-	-	-	-	Page 51	CFC17110
3. Medium	Civic Center - Carpet Replacement: Theatre/Green Rm/Brovold Rm	Asset Reserve - Facilities Maintenance	-	75,000	-	-	-	Page 52	
3. Medium	Civic Center - Carpet Replacement: 2nd floor	Asset Reserve - Facilities Maintenance	-	85,000	-	-	-	Page 53	
3. Medium	Civic Centre - Carpet Replacement, first floor	Asset Reserve - Facilities Maintenance	-	85,000	-	-	-	Page 54	
3. Medium	Glenayre Centre - Install alarm system	Asset Reserve - Facilities Maintenance	-	21,000	-	-	-	Page 55	
3. Medium	Recreation Complex - Wellness Room Floor Replacement	Asset Reserve - Facilities Maintenance	-	-	90,000	-	-	Page 56	
3. Medium	Civic Centre - Washroom upgrades	Asset Reserve - Facilities Maintenance	-	-	-	100,000	-	Page 57	
3. Medium	Civic Centre - Replacement of sumps and sump controls	Asset Reserve - Facilities Maintenance	-	-	60,000	-	-	Page 58	
3. Medium	HMCC - Interior painting	Asset Reserve - Facilities Maintenance	-	25,000	-	-	-	Page 59	
3. Medium	Facilities - Camera scope of main drain lines clean out of lines	Asset Reserve - Facilities Maintenance	-	-	-	50,000	-	Page 60	
3. Medium	Old Orchard Hall - Air conditioning Design	Asset Reserve - Facilities Maintenance	-	15,000	-	-	-	Page 61	
3. Medium	Facilities - Parking lot line repainting, 2	Asset Reserve - Facilities Maintenance	-	-	22,000	-	-	Page 62	
3. Medium	Recreation Complex - Replace steam generator	Asset Reserve - Facilities Maintenance	-	10,000	-	-	-	Page 63	
3. Medium	Facilities - Lighting Retrofit	Asset Reserve - Facilities Maintenance	80,850	-	-	-	-	Page 64	OFC17005
3. Medium	Glenayre Centre - Roof and exterior repairs	Asset Reserve - Facilities Maintenance	-	-	-	46,000	-	Page 65	
3. Medium	Westhill Centre - Washroom rebuild	Asset Reserve - Facilities Maintenance	-	40,000	-	-	-	Page 66	
3. Medium	Glenayre Centre - Drain tile rebuild	Asset Reserve - Facilities Maintenance	-	-	75,000	-	-	Page 67	
3. Medium	Fire Hall 2 - Site work	Asset Reserve - Facilities Maintenance	-	-	-	25,000	-	Page 68	
2. High	Facilities - Replacement of water treatment equipment	Asset Reserve - Facilities Maintenance	-	-	-	-	10,000	Page 69	
2. High	Public Safety Building - Interior painting	Asset Reserve - Facilities Maintenance	-	-	-	-	117,000	Page 70	
2. High	Old Fire Hall - Exterior repairs and roof replacement	Asset Reserve - Facilities Maintenance	-	-	-	175,000	-	Page 71	
2. High	Civic Centre - Interior painting	Asset Reserve - Facilities Maintenance	-	-	-	-	50,000	Page 72	
3. Medium	Recreation Complex - Replace hydronic water treatment unit	Asset Reserve - Facilities Maintenance	-	-	-	-	12,500	Page 73	
3. Medium	Recreation Complex - Replace exhaust fan and amonia sensor in Zamboni room	Asset Reserve - Facilities Maintenance	-	-	-	-	40,000	Page 74	
3. Medium	NSFH - Heating System overhaul	Asset Reserve - Facilities Maintenance	-	-	-	-	5,000	Page 75	
2. High	Arts Centre - Flooring replacement	Asset Reserve - Facilities Maintenance	-	-	-	-	68,000	Page 76	
3. Medium	Facilities - Envelope condition assessments, multiple buildings	Asset Reserve - Facilities Maintenance	-	-	-	-	100,000	Page 77	
3. Medium	Old Mill Boathouse - Elevator replacement	Asset Reserve - Facilities Maintenance	-	-	-	-	33,000	Page 78	
2. High	Civic Centre - Internal Exhaust fan replacement	Asset Reserve - Facilities Maintenance	-	-	-	-	30,000	Page 79	
3. Medium	Glenayre Centre - Replace resilient flooring	Asset Reserve - Facilities Maintenance	-	-	-	-	40,000	Page 80	
3. Medium	Old Mill Boathouse - Floor Refurbishing	Asset Reserve - Facilities Maintenance	-	-	-	20,000	-	Page 81	
3. Medium	Glenayre Centre - Parking lot repairs and repaving	Asset Reserve - Facilities Maintenance	-	-	-	60,000	-	Page 82	
2. High	Rocky Point Pool - Building drain tile replacement	Asset Reserve - Facilities Maintenance	-	-	-	100,000	-	Page 83	
2. High	Arts Centre - Fire Life Safety component replacement	Asset Reserve - Facilities Maintenance	-	-	-	-	80,000	Page 84	
3. Medium	Recreation Complex - Replace SRC Skylight	Asset Reserve - Facilities Maintenance	-	-	-	-	90,000	Page 85	
3. Medium	Public Safety Building - Replacement of assorted mechanical equipment	Asset Reserve - Facilities Maintenance	-	-	-	-	28,000	Page 86	
2. High	Civic Centre - Replace security gate, second floor	Asset Reserve - Facilities Maintenance	-	20,000	-	-	-	Page 87	
0. Pre-Approved	Old Mill Boathouse - Install air conditioner	Asset Reserve - Facilities Maintenance	25,000	-	-	-	-	Page 88	CFC17102
2. High	Facilities - Apply non-slip coating to outdoor pool changeroom floors	Asset Reserve - Facilities Maintenance	-	-	60,000	-	-	Page 89	
3. Medium	Recreation Complex - Arena 1, bleacher refinishing	Asset Reserve - Facilities Maintenance	-	-	-	-	75,000	Page 90	
0. Pre-Approved	Recreation Complex - Curling Lounge walkway railing repairs	Asset Reserve - Facilities Maintenance	15,000	-	-	-	-	Page 91	OFC17002

2017 - 2021 Project Summaries

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
0. Pre-Approved	Facilities - Outdoor pool vacuums (2)	Asset Reserve - Equipment - City	6,000	-	-	-	-	Page 92	OFC17001
0. Pre-Approved	Rocky Point Pool - Conversion of disinfection system to liquid chlorine	Asset Reserve - Facilities Maintenance	40,000	-	-	-	-	Page 93	CFC17104
2. High	Civic Centre - Replacement of Meeting Room Chairs	Asset Reserve - Facilities Maintenance	-	-	30,000	-	-	Page 94	
2. High	Public Safety Building - Exterior Repairs	Asset Reserve - Facilities Maintenance	-	-	-	-	115,000	Page 95	
2. High	Recreation Complex - Arena Zamboni Door-Motor & Gear Replacement	Asset Reserve - Facilities Maintenance	-	15,000	-	-	-	Page 96	
2. High	Facilities - Auto scrubber	Council Strategic Priorities Reserve	-	-	-	20,000	-	Page 97	
2. High	Public Safety Building - Carpet replacement	Asset Reserve - Facilities Maintenance	-	-	-	-	153,000	Page 98	
0. Pre-Approved	Facilities Fleet - New Ford 150	Council Strategic Priorities Reserve	40,000	-	-	-	-	Page 99	CFC17106
0. Pre-Approved	Facilities Fleet - replace RS054, 05 Zamboni, X24113	Equipment Replacement Reserve Fund	200,000	-	-	-	-	Page 100	CFC17108
2. High	Facilities Fleet - replace RS059, 07 Zamboni, X24115	Equipment Replacement Reserve Fund	-	-	198,000	-	-	Page 101	
3. Medium	Facilities Fleet - replace RS057, 05 Starlite Trailer 53660B	Equipment Replacement Reserve Fund	-	-	-	11,000	-	Page 102	
2. High	Facilities Fleet - replace RS099, Small equipment, Ice Edger	Equipment Replacement Reserve Fund	-	6,500	-	-	-	Page 103	
0. Pre-Approved	Public Safety Building - Evidence Room Air Handling Improvements	Asset Reserve - Unallocated	350,000	-	-	-	-	Page 104	CFC17105
2. High	Public Safety Building - BECA and Mechanical Re-Commissioning	Asset Reserve - Facilities Maintenance	100,000	-	-	-	-	Page 105	CFC17113
0. Pre-Approved	Carpenters Shop - Installation of Safety Systems, Dust and Electrical	Asset Reserve - Facilities Maintenance	60,000	-	-	-	-	Page 106	CFC17101
1. Council	Facilities - Photovoltaic Solar Panels Study	Carbon Offsets Community Reserve	28,000	-	-	-	-	Page 107	OFC17003
2. High	Recreation Complex - Hardscape and Landscape Renovation [Multiple Funding Src]	Asset Reserve - Parks	6,000	-	-	-	-	Page 108	OFC17006
2. High	Recreation Complex - Hardscape and Landscape Renovation [Multiple Funding Src]	Asset Reserve - Facilities Maintenance	24,000	-	-	-	-	Page 108	OFC17006
Facilities Projects Total			1,832,600	1,069,000	1,254,500	1,297,250	1,141,500	87	

Recreation

2. High	Recreation Complex Spinning Bike Replacement	Asset Reserve - Equipment - City	40,000	-	-	-	-	Page 109	CRS17102
0. Pre-Approved	Replacement of Selectorized Weight Equipment	Asset Reserve - Equipment - City	105,000	-	-	-	-	Page 110	CRS17101
2. High	Replacement of Cardio Equipment in Recreation Complex Weight room	Asset Reserve - Equipment - City	-	-	-	210,000	-	Page 111	
2. High	ESS Capital budget	Asset Reserve - Equipment - City	8,000	-	-	-	-	Page 112	CRS17103
1. Council	Seniors Gathering Space Operation Funds	Accumulated Surplus	35,930	-	-	-	-	Page 113	ORS17002
0. Pre-Approved	Youth Strategy	Council Strategic Priorities Reserve	5,000	-	-	-	-	Page 114	ORS17001
2. High	CLASS Replacement - Implementation costs	Asset Reserve - Equipment - City	70,000	-	-	-	-	Page 115	CRS17104
2. High	Recreation Complex Spin Bike Replacement	Asset Reserve - Equipment - City	-	-	-	-	40,000	Page 116	
Recreation Projects Total			263,930	-	-	210,000	40,000	8	

Community Services Projects Total

			2,262,930	1,095,200	1,328,250	1,627,590	1,236,700	114	
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Development Services

Building, Bylaw & Licensing

3. Medium	eApply for Permits	Council Strategic Priorities Reserve	-	156,750	-	-	-	Page 117	
0. Pre-Approved	Microfiche Scanning	Asset Reserve - Unallocated	6,500	-	-	-	-	Page 118	OBL17001

Building, Bylaw & Licensing Projects Total

			6,500	156,750	-	-	-	2	
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Planning

2. High	Tempest Development Application Tracking Updates	Development Process Reserve	17,000	-	-	-	-	Page 119	CPL17101
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Planning Projects Total

			17,000	-	-	-	-	1	
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Development Services Projects Total

			23,500	156,750	-	-	-	3	
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Engineering & Operations

Engineering

0. Pre-Approved	Above-Ground Infrastructure - Planning/Asset Management	Asset Reserve - Transportation	75,000	75,000	75,000	75,000	75,000	Page 120	OEN17001
2. High	Bridge Maintenance - Scoping, Assessment & Repairs	Asset Reserve - Transportation	50,000	50,000	50,000	50,000	50,000	Page 121	OEN17004
0. Pre-Approved	Bridge Upgrades - Barnet Hwy Overpass [Multiple Funding Src]	Grants	277,000	-	-	-	-	Page 122	CEN17103
0. Pre-Approved	Bridge Upgrades - Barnet Hwy Overpass [Multiple Funding Src]	Asset Reserve - Transportation	277,000	-	-	-	-	Page 122	CEN17103
0. Pre-Approved	Clarke Road Rehabilitation - Charles St to Barnet Hwy	MRN Pavement Rehab Reserve	250,000	-	-	-	-	Page 123	CEN17106
0. Pre-Approved	Contributed Assets Handover from EGRT	Asset Reserve - Unallocated	65,000	-	-	-	-	Page 124	OEN17003
2. High	CP Rail Crossings - Project Implementation	Asset Reserve - Transportation	-	50,000	50,000	50,000	-	Page 125	
0. Pre-Approved	LRN Road Reconstruction	Asset Reserve - Transportation	350,000	-	350,000	350,000	350,000	Page 126	CEN17104
2. High	MRN Road Rehabilitation Program	MRN Pavement Rehab Reserve	400,000	700,000	600,000	650,000	-	Page 127	CEN17108
2. High	Newport Drive /Ungless Way Crosswalk Enhancements	Asset Reserve - Transportation	75,000	-	-	-	-	Page 128	CEN17109

2017 - 2021 Project Summaries

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
3. Medium	Road Surface Temperature Sensors	Asset Reserve - Transportation	58,000	-	-	-	-	Page 129	OEN17005
0. Pre-Approved	St. Johns Street Rehabilitation (loco to Dewdney)	MRN Pavement Rehab Reserve	200,000	-	-	-	-	Page 130	CEN17107
1. Council	Street Name Sign Replacement Program [Multiple Funding Src]	MRN General Rehab Reserve	30,000	30,000	30,000	30,000	30,000	Page 131	CEN17101
1. Council	Street Name Sign Replacement Program [Multiple Funding Src]	Asset Reserve - Transportation	25,000	25,000	25,000	25,000	25,000	Page 131	CEN17101
2. High	Streetlighting Replacement Program [Multiple Funding Src]	MRN General Rehab Reserve	25,000	25,000	25,000	25,000	25,000	Page 132	CEN17110
2. High	Streetlighting Replacement Program [Multiple Funding Src]	Asset Reserve - Transportation	35,000	35,000	35,000	35,000	35,000	Page 132	CEN17110
0. Pre-Approved	Traffic Safety Initiatives	Asset Reserve - Transportation	50,000	50,000	50,000	50,000	-	Page 133	OEN17002
0. Pre-Approved	Traffic Signal Infrastructure - Maintenance and Replacement [Multiple Funding Src]	MRN General Rehab Reserve	125,000	200,000	100,000	100,000	-	Page 134	CEN17105
0. Pre-Approved	Traffic Signal Infrastructure - Maintenance and Replacement [Multiple Funding Src]	Asset Reserve - Transportation	50,000	50,000	50,000	50,000	-	Page 134	CEN17105
0. Pre-Approved	Transit Infrastructure - Bus Stop Improvements	Asset Reserve - Transportation	25,000	25,000	25,000	25,000	-	Page 135	CEN17102
1. Council	MTP Planning and Design	Asset Reserve - Unallocated	150,000	-	-	-	-	Page 136	CEN17111
Engineering Projects Total			2,592,000	1,315,000	1,465,000	1,515,000	590,000		17
Operations									
3. Medium	Benchmarking	Council Strategic Priorities Reserve	-	5,000	5,000	5,000	-	Page 137	
2. High	Public Works Day [Multiple Funding Src]	Water Capital Reserve	2,500	2,500	2,500	2,500	2,500	Page 138	OOP17002
2. High	Public Works Day [Multiple Funding Src]	Sewer Capital Reserve	2,500	2,500	2,500	2,500	2,500	Page 138	OOP17002
2. High	Public Works Day [Multiple Funding Src]	Sanitation Utility Reserve	2,500	2,500	2,500	2,500	2,500	Page 138	OOP17002
2. High	Replace OP031 - 2002 Ingersol Roller	Equipment Replacement Reserve Fund	-	-	35,000	-	-	Page 139	
0. Pre-Approved	Replace OP010 - 2000 Ford F250 PU	Equipment Replacement Reserve Fund	100,000	-	-	-	-	Page 140	COP17101
0. Pre-Approved	Replace OP011 - 2007 Ford Econo 3/4 Ton Van	Equipment Replacement Reserve Fund	60,000	-	-	-	-	Page 141	COP17111
0. Pre-Approved	Replace OP013 - 1997 Holland Tractor	Equipment Replacement Reserve Fund	110,000	-	-	-	-	Page 142	COP17102
0. Pre-Approved	Replace OP013(a) - Flail Mower Attachment	Equipment Replacement Reserve Fund	65,000	-	-	-	-	Page 143	COP17112
0. Pre-Approved	Replace OP014 - 2005 Freight Dump	Equipment Replacement Reserve Fund	180,000	-	-	-	-	Page 144	COP17103
2. High	Replace OP014A - 2005 Everest Plow	Equipment Replacement Reserve Fund	-	-	15,000	-	-	Page 145	
0. Pre-Approved	Replace OP014B - 2005 Underbody Articulating Plow	Equipment Replacement Reserve Fund	30,000	-	-	-	-	Page 146	COP17104
0. Pre-Approved	Replace OP014C - 2005 Swendson Sander	Equipment Replacement Reserve Fund	16,000	-	-	-	-	Page 147	COP17105
2. High	Replace OP015 - 2010 International Dump Truck	Equipment Replacement Reserve Fund	-	-	-	190,000	-	Page 148	
2. High	Replace OP015B - 2010 Henderson Plow	Equipment Replacement Reserve Fund	-	-	-	16,000	-	Page 149	
2. High	Replace OP015C - 2010 Underbody Articulating Plow	Equipment Replacement Reserve Fund	-	-	-	32,250	-	Page 150	
2. High	Replace OP015D - 2010 Henderson Sander	Equipment Replacement Reserve Fund	-	-	-	17,250	-	Page 151	
0. Pre-Approved	Replace OP016 - 2005 Ford Ranger	Equipment Replacement Reserve Fund	40,000	-	-	-	-	Page 152	COP17106
0. Pre-Approved	Replace OP018A - 2008 Caterpillar Loader	Equipment Replacement Reserve Fund	175,000	-	-	-	-	Page 153	COP17107
2. High	Replace OP022B - 2011 Winter Plow	Equipment Replacement Reserve Fund	-	-	-	9,500	-	Page 154	
2. High	Replace OP022C - 2006 Swendson Sander	Equipment Replacement Reserve Fund	-	13,000	-	-	-	Page 155	
2. High	Replace OP023A - 2011 Ford Dump	Equipment Replacement Reserve Fund	-	-	-	-	99,250	Page 156	
2. High	Replace OP023B - 2011 Swendson Sander	Equipment Replacement Reserve Fund	-	-	-	13,000	-	Page 157	
2. High	Replace OP023C - 2011 Swendson Plow	Equipment Replacement Reserve Fund	-	-	-	9,500	-	Page 158	
2. High	Replace OP024 - 2006 Bobcat Loader	Equipment Replacement Reserve Fund	-	-	-	100,000	-	Page 159	
0. Pre-Approved	Replace OP028 - 2005 Elgin Sweeper	Equipment Replacement Reserve Fund	315,000	-	-	-	-	Page 160	
2. High	Replace OP029A - 2012 Case Loader	Equipment Replacement Reserve Fund	-	-	-	162,500	-	Page 161	
2. High	Replace OP030 - 2008 Ford Escape Hybrid	Equipment Replacement Reserve Fund	-	-	45,500	-	-	Page 162	
0. Pre-Approved	Replace OP045 - 2009 Mack Garbage Truck	Equipment Replacement Reserve Fund	415,000	-	-	-	-	Page 163	COP17109
2. High	Replace OP047 - 2013 Peterbilt Garbage Truck	Equipment Replacement Reserve Fund	-	-	-	450,000	-	Page 164	
2. High	Replace OP049A - 2010 Ford Ranger	Equipment Replacement Reserve Fund	-	-	-	55,000	-	Page 165	
0. Pre-Approved	Replace OP053 - 2004 Ford Ranger	Equipment Replacement Reserve Fund	40,000	-	-	-	-	Page 166	COP17110
2. High	Replace OP063A - 2016 John Deere Zero Turn Mower	Equipment Replacement Reserve Fund	-	-	-	-	16,500	Page 167	
2. High	Replace OP064 - 2016 John Deere Zero Turn Mower	Equipment Replacement Reserve Fund	-	-	-	-	16,500	Page 168	
2. High	Replace OP099L - 2011 Ingersol Lightsource Trailer	Equipment Replacement Reserve Fund	-	-	-	-	33,000	Page 169	
2. High	Replace OP99K - 2008 Ver-Mac Sign Trailer	Equipment Replacement Reserve Fund	-	25,545	-	-	-	Page 170	
2. High	Residential Chafer Beetle Coupon Program	Council Strategic Priorities Reserve	7,000	7,000	7,000	7,000	7,000	Page 171	OOP17003

2017 - 2021 Project Summaries

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
0. Pre-Approved	Centralized Recycling Day	Sanitation Utility Reserve	4,000	4,000	4,000	4,000	4,000	Page 172	OOP17001
Operations Projects Total			1,564,500	62,045	119,000	1,078,500	183,750	36	
Solid Waste									
2. High	Solid Waste Coordinator resource materials & outreach tools	Sanitation Utility Reserve	15,000	-	-	-	-	Page 173	OSO17001
0. Pre-Approved	Cart Replacement	Equipment Replacement Reserve Fund	20,550	20,550	20,550	20,550	20,550	Page 174	CSO17102
2. High	New Services Cart	Sanitation Utility Reserve	64,660	-	-	-	-	Page 175	CSO17101
Solid Waste Projects Total			100,210	20,550	20,550	20,550	20,550	3	
Engineering & Operations Projects Total			4,256,710	1,397,595	1,604,550	2,614,050	794,300	56	

Environment & Parks

Parks									
3. Medium	Design and Feasibility Study - Shoreline Trail Boardwalk	Asset Reserve - Parks	40,000	-	-	-	-	Page 176	CPK17105
3. Medium	Flavelle Park - Rehabilitate Wooden Deck	Asset Reserve - Parks	-	-	30,000	-	-	Page 177	
2. High	Greenleaf Parkette - Retaining Wall Rehabilitation	Asset Reserve - Parks	-	-	10,000	-	-	Page 178	
0. Pre-Approved	Horticulture Vegetation Replacement Program	Asset Reserve - Parks	15,000	15,000	15,000	15,000	15,000	Page 179	CPK17101
1. Council	Inlet Park Sportsfield Redevelopment - Phase 2	Private Contributions	-	-	-	-	5,665,000	Page 180	
0. Pre-Approved	Ioco Road Medians - Chafer Beetle Resistant Turf Replacement	Asset Reserve - Parks	30,000	-	-	-	-	Page 181	CPK17102
0. Pre-Approved	North Shore Community Park - Soccer Field (Natural Turf /Grass Renewal)	Asset Reserve - Parks	10,000	-	-	-	-	Page 182	CPK17103
3. Medium	Old Orchard Park - Master Plan	Asset Reserve - Parks	-	65,000	-	-	-	Page 183	
0. Pre-Approved	Parks Infrastructure - Planning/Asset Management	Asset Reserve - Parks	25,000	25,000	25,000	25,000	25,000	Page 184	OPK17003
0. Pre-Approved	Pilot Designated Anchorage Area	Council Strategic Priorities Reserve	20,000	20,000	20,000	20,000	20,000	Page 185	OPK17001
3. Medium	Pioneer Park Master Plan	Asset Reserve - Parks	15,000	-	-	-	-	Page 186	OPK17004
2. High	Playground Equipment Repair	Asset Reserve - Parks	15,000	15,000	15,000	15,000	15,000	Page 187	OPK17005
2. High	Playground Rehabilitation - Barber Street Playground Area	Asset Reserve - Parks	-	-	39,000	-	-	Page 188	
2. High	Playground Rehabilitation - Seaview Playground Area	Asset Reserve - Parks	-	-	-	60,000	-	Page 189	
2. High	Playground Rehabilitation - Twin Creek Parkette Playground	Asset Reserve - Parks	-	-	30,000	-	-	Page 190	
2. High	Replace PK016 - 1996 Jacob Aerator	Equipment Replacement Reserve Fund	-	-	-	15,000	-	Page 191	
2. High	Replace PK017 - 2008 Agri-Metal Tuff Vac Sweeper	Equipment Replacement Reserve Fund	-	-	26,500	-	-	Page 192	
0. Pre-Approved	Replace PK042 - 2005 Ford Dump	Equipment Replacement Reserve Fund	90,000	-	-	-	-	Page 193	CPK17104
2. High	Replace PK043C - 2008 Swendson Sander	Equipment Replacement Reserve Fund	-	-	13,000	-	-	Page 194	
2. High	Replace PK044 - 1995 Aer-way Aerator	Equipment Replacement Reserve Fund	-	-	-	-	16,500	Page 195	
2. High	Replace PK045A - 2006 Western Plow	Equipment Replacement Reserve Fund	-	-	-	-	9,000	Page 196	
2. High	Replace PK045B - 2006 Swendson Sander	Equipment Replacement Reserve Fund	-	-	-	-	13,000	Page 197	
3. Medium	Replace PK047 - 2008 Dodge Dakota abc	Equipment Replacement Reserve Fund	-	41,500	-	-	-	Page 198	
3. Medium	Replace PK048A - 2010 Ford Ranger	Equipment Replacement Reserve Fund	-	-	-	55,000	-	Page 199	
2. High	Replace PK049 - 2004 John Deere Tractor	Equipment Replacement Reserve Fund	-	-	74,000	-	-	Page 200	
3. Medium	Replace PK050A - 2012 Kubota Tractor	Equipment Replacement Reserve Fund	-	-	-	27,000	-	Page 201	
2. High	Replace PK060 - 2008 Dodge Ram PU	Equipment Replacement Reserve Fund	-	-	-	45,000	-	Page 202	
2. High	Replace PK063 - 2005 Vermeer Chipper	Equipment Replacement Reserve Fund	-	-	-	-	49,000	Page 203	
2. High	Replace PK066 - 2016 John Deere Zero Turn Mower	Equipment Replacement Reserve Fund	-	-	-	-	16,500	Page 204	
3. Medium	Resurface Basketball Court - Easthill Park	Asset Reserve - Parks	-	-	32,000	-	-	Page 205	
2. High	Resurface Tennis Courts - Easthill Park	Asset Reserve - Parks	30,000	-	-	-	-	Page 206	CPK17106
2. High	Resurface Tennis Courts - Chestnut Park Reservoir	Asset Reserve - Parks	30,000	-	-	-	-	Page 207	CPK17107
2. High	Rocky Point Park - Master Plan Review	Asset Reserve - Parks	71,500	-	-	-	-	Page 208	OPK17006
3. Medium	Rocky Point Park - Picnic Table Replacement	Asset Reserve - Parks	-	-	22,000	-	-	Page 209	
3. Medium	Shoreline Bike Path Replacement	Asset Reserve - Parks	-	30,000	215,000	320,000	-	Page 210	
3. Medium	Tennis Court Lighting Conversion (LED)	Asset Reserve - Parks	-	130,000	-	-	-	Page 211	
3. Medium	Tree Replacement Program	286 General Amenities	15,000	15,000	15,000	15,000	15,000	Page 212	OPK17007
2. High	Urban Forestry - Tree Removals/Mitigation for City Lands	Asset Reserve - Parks	50,000	50,000	50,000	50,000	50,000	Page 213	OPK17008
0. Pre-Approved	Chafer Beetle Management Program - City Lands	Asset Reserve - Parks	5,000	5,000	5,000	5,000	5,000	Page 214	OPK17002
2. High	Playground Rehabilitation - Art Wilkinson Park	Asset Reserve - Parks	10,000	-	-	-	-	Page 215	CPK17108
4. Low	Mosaiculture Sculpture	Grants	20,000	-	-	-	-	Page 216	OPK17009
Parks Projects Total			491,500	411,500	636,500	667,000	5,914,000	41	
Sustainability									
0. Pre-Approved	Invasive Plants - Spartina and Knotweed Program	Council Strategic Priorities Reserve	30,000	-	-	-	-	Page 217	OSU17001
2. High	In-stream Fish Habitat Infrastructure Management Plan	Council Strategic Priorities Reserve	20,000	-	-	-	-	Page 218	CSU17101
Sustainability Projects Total			50,000	-	-	-	-	2	
Environment & Parks Projects Total			541,500	411,500	636,500	667,000	5,914,000	43	

Finance & Technology

Finance									
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2017 - 2021 Project Summaries

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
2. High	Financial Reporting and Audit Software	Council Strategic Priorities Reserve	25,000	-	-	-	-	Page 219	OF17002
1. Council	1440 loco Road Demolition	Land Reserve	68,000	-	-	-	-	Page 220	OF17001
Finance Projects Total			93,000	-	-	-	-	2	
Information Services									
0. Pre-Approved	Upgrade Orthophotos	Asset Reserve - Unallocated	12,000	12,000	12,000	12,000	-	Page 221	OIS17001
2. High	Agresso Upgrades	Asset Reserve - Equipment - City	-	-	35,000	-	35,000	Page 222	
2. High	Backup Server Replacements	Asset Reserve - Equipment - City	-	15,000	-	-	15,000	Page 223	
0. Pre-Approved	TEMPEST Upgrades	Asset Reserve - Equipment - City	25,000	-	-	-	-	Page 224	CIS17101
3. Medium	Optical Character Recognition Software	Council Strategic Priorities Reserve	-	15,000	-	-	-	Page 225	
0. Pre-Approved	Budget Software Implementation	Asset Reserve - Unallocated	35,000	-	-	-	-	Page 226	CIS17102
2. High	Network Switch Replacement	Asset Reserve - Equipment - City	-	110,000	-	-	-	Page 227	
2. High	Virtual Server Replacement	Asset Reserve - Equipment - City	-	-	-	58,000	-	Page 228	
2. High	Disk Array Replacement	Asset Reserve - Equipment - City	-	-	-	-	65,000	Page 229	
3. Medium	Project Planning Software	Asset Reserve - Equipment - City	-	30,000	-	-	-	Page 230	
Information Services Projects Total			72,000	182,000	47,000	70,000	115,000	10	
Finance & Technology Projects Total			165,000	182,000	47,000	70,000	115,000	12	

Fire Rescue

Fire Rescue									
0. Pre-Approved	Replace FR002 2007 GMC Yukon-Car #1 (Fire Chief's vehicle)	Equipment Replacement Reserve Fund	60,000	-	-	-	-	Page 231	CFD17101
2. High	Replace FR003 2010 Ford Expedition-Car #2 (Deputy Fire Chief's vehicle)	Equipment Replacement Reserve Fund	-	-	-	60,750	-	Page 232	
2. High	Replace FR017 2008 GMC Sierra Pickup-Car #3 (Deputy Fire Chief's vehicle)	Equipment Replacement Reserve Fund	-	-	65,000	-	-	Page 233	
2. High	Replace FR011 2011 Chevrolet Colorado Pick-up-Car #4 (Fire Prevention Officer Vehicle)	Equipment Replacement Reserve Fund	-	-	-	-	40,000	Page 234	
2. High	Replace FR016 2005 Polaris ATV	Equipment Replacement Reserve Fund	-	-	-	26,750	-	Page 235	
1. Council	Business Continuity Plan	Emergency Measures	26,334	-	-	-	-	Page 236	OFD17001
Fire Rescue Projects Total			86,334	-	65,000	87,500	40,000	6	
Fire Rescue Projects Total			86,334	-	65,000	87,500	40,000	6	

Library

Library									
3. Medium	Automated materials handling system	Library Reserve	85,000	-	-	-	-	Page 237	CLI17101
3. Medium	Library Strategic Planning	Council Strategic Priorities Reserve	15,000	-	-	-	-	Page 238	OLI17001
Library Projects Total			100,000	-	-	-	-	2	
Library Projects Total			100,000	-	-	-	-	2	

Police

Police									
2. High	Cell Recording System	Asset Reserve - Equipment - Police	-	-	75,000	-	-	Page 239	
2. High	Computers New and Replacement	Asset Reserve - Equipment - Police	27,300	27,300	27,300	27,300	27,300	Page 240	CPD17102
2. High	Replacement LAN Server	Asset Reserve - Equipment - Police	-	-	-	-	75,000	Page 241	
2. High	Replacement Laptops for Police Cars	Asset Reserve - Equipment - Police	19,200	19,200	19,200	19,200	19,200	Page 242	CPD17103
2. High	Replacement of Photocopiers and Printers	Asset Reserve - Equipment - Police	-	-	18,000	-	-	Page 243	
2. High	Software Upgrade	Asset Reserve - Equipment - Police	-	-	33,000	-	-	Page 244	
2. High	Telephone System - VOIP	Asset Reserve - Equipment - Police	50,000	-	-	-	-	Page 245	CPD17104
2. High	Telephone Router	Asset Reserve - Equipment - Police	-	-	5,000	-	-	Page 246	
2. High	Covert Laptop	Asset Reserve - Equipment - Police	-	6,000	-	-	-	Page 247	
2. High	Forensic Light	Asset Reserve - Equipment - Police	-	-	-	27,000	-	Page 248	
2. High	Approved Screening Device Replacement	Asset Reserve - Equipment - Police	-	-	11,500	-	-	Page 249	
2. High	External Hard Armor	Asset Reserve - Equipment - Police	-	-	16,500	23,500	-	Page 250	
2. High	Replace PO097 Dodge Caravan	Equipment Replacement Reserve Fund	-	-	38,000	-	-	Page 251	
2. High	Replace PO088 Toyota Tacoma	Equipment Replacement Reserve Fund	-	-	60,000	-	-	Page 252	
2. High	Replace PO102 Motorcycle	Equipment Replacement Reserve Fund	-	-	-	30,000	-	Page 253	
2. High	Replace PO090 - Dodge Charger	Equipment Replacement Reserve Fund	-	-	-	53,000	-	Page 254	
2. High	Replace PO087-2014 Ford Explorer and Equipment	Equipment Replacement Reserve Fund	-	-	55,000	-	-	Page 255	
2. High	Replace PO101 - Dodge Ram Pickup	Equipment Replacement Reserve Fund	-	-	-	45,000	-	Page 256	

2017 - 2021 Project Summaries

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
2. High	Replace PO105 - Dodge Ram	Equipment Replacement Reserve Fund	-	-	-	50,000	-	Page 257	
2. High	Replace PO103 - Dodge Charger	Equipment Replacement Reserve Fund	-	-	-	53,000	-	Page 258	
2. High	Replace PO100 - Dodge Charger	Equipment Replacement Reserve Fund	-	-	-	53,000	-	Page 259	
2. High	Replace PO091-2013 Ford Explorer and Equipment	Equipment Replacement Reserve Fund	-	-	55,000	-	-	Page 260	
2. High	Replace PO092-2013 Dodge Charger and Equipment	Equipment Replacement Reserve Fund	-	-	53,000	-	-	Page 261	
2. High	Replace PO093-Dodge Charger and Equipment	Equipment Replacement Reserve Fund	-	-	53,000	-	-	Page 262	
2. High	Replace PO089 2014 Dodge Charger	Equipment Replacement Reserve Fund	-	-	53,000	-	-	Page 263	
2. High	Replace PO095 Chevy Tahoe	Equipment Replacement Reserve Fund	-	-	66,000	-	-	Page 264	
2. High	Replace PO086 2016 Dodge Durango	Equipment Replacement Reserve Fund	-	-	-	-	50,000	Page 265	
2. High	PO104 Boat Trailer	Equipment Replacement Reserve Fund	-	-	-	-	11,000	Page 266	
2. High	Replacement of UPS Batteries	Asset Reserve - Equipment - Police	-	-	-	-	12,740	Page 267	
2. High	Telephone Infrastructure	Asset Reserve - Equipment - Police	-	-	-	-	14,200	Page 268	
2. High	DNA Fridge	Asset Reserve - Equipment - Police	15,000	-	-	-	-	Page 269	CPD17105
2. High	IT Backup	Asset Reserve - Equipment - Police	-	-	-	60,000	-	Page 270	
0. Pre-Approved	Cell Phone Forensic Triage	Asset Reserve - Equipment - Police	15,600	-	-	-	-	Page 271	CPD17101
2. High	Specialized Training for members	Future Operating	16,000	-	-	-	-	Page 272	OPD17001
2. High	Ammunition	Future Operating	20,000	-	-	-	-	Page 273	OPD17002
2. High	Organizational Development	Future Operating	16,500	-	-	-	-	Page 274	OPD17003
2. High	Door Security	Future Operating	55,000	-	-	-	-	Page 275	CPD17106
2. High	Next Generation Radio System Equipment	Emerg-Ecomm Police Reserve	60,928	-	-	-	-	Page 276	CPD17107
Police Projects Total			295,528	52,500	638,500	441,000	209,440	38	
Police Projects Total			295,528	52,500	638,500	441,000	209,440	38	

Sewer & Drainage

Sewer & Drainage

2. High	Ioco Rd Improvements (Construction) [Multiple Funding Src]	MRN Pavement Rehab Reserve	-	-	-	-	750,000	Page 277	
2. High	Ioco Rd Improvements (Construction) [Multiple Funding Src]	Sewer Capital Reserve	-	-	-	-	900,000	Page 277	
2. High	Ioco Rd Improvements (Construction) [Multiple Funding Src]	Water Capital Reserve	-	-	-	-	1,100,000	Page 277	
4. Low	Sanitary and Drainage Renewal - City Hall	Sewer Capital Reserve	-	50,000	250,000	-	-	Page 278	
2. High	Sanitary Sewer Study - North Shore Phase 2 I&I	Sewer Capital Reserve	-	-	150,000	150,000	150,000	Page 279	
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Sewer Capital Reserve	15,000	850,612	-	-	-	Page 280	CSD17106
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Asset Reserve - Transportation	15,000	500,000	-	-	-	Page 280	CSD17106
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Water Capital Reserve	15,000	850,612	-	-	-	Page 280	CSD17106
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Asset Reserve - Unallocated	-	529,296	-	-	-	Page 280	CSD17106
3. Medium	Alderside Lift Station Standby Genset	Sewer Capital Reserve	19,500	-	-	-	-	Page 281	CSD17111
3. Medium	Ioco Lift Station Improvements-Sump Pump	Sewer Capital Reserve	20,000	-	-	-	-	Page 282	CSD17112
2. High	Inspection Camera for Sewer Main Lines	Sewer Capital Reserve	78,000	-	-	-	-	Page 283	CSD17107
4. Low	Rainfall Monitoring	Sewer Capital Reserve	38,000	-	-	-	-	Page 284	CSD17113
2. High	Sewer - Non Linear Isolation Procedures	Sewer Capital Reserve	8,250	-	-	-	-	Page 285	OSD17005
2. High	Drainage Improvements - North Shore Culverts (CPR & Foreshore) - Replace & Rehab	Sewer Capital Reserve	45,000	150,000	570,000	290,000	-	Page 286	CSD17105
2. High	Drainage Improvements - North Shore Storm System - Trenchless Repair	Sewer Capital Reserve	-	-	-	-	35,000	Page 287	
2. High	Shoreline Trail Sanitary Sewer (Gravity Sewer Repair & Renewal)	Sewer Capital Reserve	75,000	1,500,000	-	-	-	Page 288	CSD17109
2. High	Ioco Low-Pressure Sanitary Siphon (Twinning, Renewal & Emergency Bypass)	Sewer Capital Reserve	-	400,000	-	86,000	1,300,000	Page 289	
2. High	Storm Intake Replacement - Suterbrook Creek at Fraser Street	Sewer Capital Reserve	25,000	-	-	-	-	Page 290	CSD17110
2. High	Sanitary - Sewer Repair Program - Glenayre/Seaview/College Park - K2, H, B - Trenchless	Sewer Capital Reserve	50,000	75,000	135,000	130,000	350,000	Page 291	CSD17108
2. High	Civil Works Construction - Minor Projects	Sewer Capital Reserve	150,000	150,000	150,000	150,000	150,000	Page 292	CSD17104
2. High	Asset Management - Sewer & Drainage	Sewer Capital Reserve	100,000	100,000	100,000	100,000	100,000	Page 293	CSD17102
2. High	Avalon Road (Sanitary Sewer Repairs)	Sewer Capital Reserve	430,000	-	-	-	-	Page 294	CSD17103
2. High	Environmental Investigation & Response - Drainage Systems	Sewer Capital Reserve	25,000	25,000	25,000	25,000	25,000	Page 295	OSD17003
2. High	Drainage Assessment - Adaptive Management Framework	Sewer Capital Reserve	50,000	50,000	50,000	50,000	50,000	Page 296	OSD17002
3. Medium	Rights-of-Way Assessment	Sewer Capital Reserve	90,000	60,000	60,000	60,000	60,000	Page 297	OSD17006
2. High	Asset Management - CCTV Inspection and GPS Locates	Sewer Capital Reserve	60,000	60,000	60,000	60,000	60,000	Page 298	OSD17001
2. High	Sanitary Sewer Flow Monitoring (various areas)	Sewer Capital Reserve	55,000	55,000	55,000	55,000	55,000	Page 299	OSD17004
4. Low	Flow Monitoring Program in MV trunk sewers [Multiple Funding Src]	Sewer Capital Reserve	11,100	-	-	-	-	Page 300	OSD17007
4. Low	Flow Monitoring Program in MV trunk sewers [Multiple Funding Src]	TBD	19,400	-	-	-	-	Page 300	OSD17007
3. Medium	Flow Monitoring Program in Port Moody Trunk Sewers [Multiple Funding Src]	TBD	-	11,640	-	-	-	Page 301	
3. Medium	Flow Monitoring Program in Port Moody Trunk Sewers [Multiple Funding Src]	Sewer Capital Reserve	-	6,660	-	-	-	Page 301	
Sewer & Drainage Projects Total			1,394,250	5,423,820	1,605,000	1,156,000	5,085,000	25	

2017 - 2021 Project Summaries

Project Name	Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Sewer & Drainage Projects Total		1,394,250	5,423,820	1,605,000	1,156,000	5,085,000		25

Water

Water								
3. Medium	Area Metering	Water Capital Reserve	-	-	-	100,000	-	Page 302
2. High	Watermain Condition Assessment - Highridge PS to Chestnut PS	Water Capital Reserve	50,000	-	-	-	-	Page 303 OWT17003
2. High	Buckingham Drive (Watermain Replacement - Windsor to Guildford /Project No 12)	Water Capital Reserve	-	-	-	-	45,000	Page 304
2. High	Glencoe Drive (Dundonald to Metro Supply Main - Watermain Replacement/Project No 16)	Water Capital Reserve	-	-	60,000	695,000	670,000	Page 305
2. High	Asset Management - Water System	Water Capital Reserve	100,000	100,000	100,000	100,000	100,000	Page 306 CWT17102
3. Medium	Fire Hydrant Improvements - Stortz Adaptor Program	Water Capital Reserve	25,000	25,000	25,000	25,000	25,000	Page 307 CWT17105
3. Medium	Chestnut Reservoir Isolation Valve Installation Design	Water Capital Reserve	22,000	-	-	-	-	Page 308 OWT17004
2. High	Guildford Way PRV Station Upgrade (Design)	Water Capital Reserve	-	40,000	-	-	-	Page 309
4. Low	College Park Way (Cecile Dr to Oxford Dr) [Multiple Funding Src]	Water Capital Reserve	-	15,000	205,000	-	-	Page 310
4. Low	College Park Way (Cecile Dr to Oxford Dr) [Multiple Funding Src]	Asset Reserve - Transportation	-	-	80,000	-	-	Page 310
4. Low	North Road PRV Flow Meter	Water Capital Reserve	-	-	-	-	63,000	Page 311
4. Low	Air Valve Replacements (Linear and Non-Linear)	Water Capital Reserve	-	-	48,000	-	-	Page 312
4. Low	Water Pump Vibration Analysis & Monitoring	Water Capital Reserve	-	75,000	-	-	-	Page 313
3. Medium	Reservoir Cleaning - Chestnut Reservoir	Water Capital Reserve	36,000	-	-	-	-	Page 314 OWT17006
4. Low	SCADA Radio Site Analyzer	Water Capital Reserve	11,000	-	-	-	-	Page 315 OWT17010
3. Medium	SCADA Security Access	Water Capital Reserve	12,100	-	-	-	-	Page 316 OWT17007
2. High	Cecile and Tuxedo Drive (watermain looping)	Water Capital Reserve	-	-	-	-	15,000	Page 317
3. Medium	Water Non-Linear Isolation Procedures	Water Capital Reserve	47,000	-	-	-	-	Page 318 OWT17008
4. Low	109m HGL Pressure Zone Split Feasibility Study [Multiple Funding Src]	TBD	19,082	-	-	-	-	Page 319 OWT17009
4. Low	109m HGL Pressure Zone Split Feasibility Study [Multiple Funding Src]	Water Capital Reserve	10,918	-	-	-	-	Page 319 OWT17009
2. High	Glenayre/College Park PRV Station	Water Capital Reserve	-	-	-	-	15,000	Page 320
2. High	Civil Works Construction - Minor Watermain Projects	Water Capital Reserve	150,000	150,000	150,000	150,000	150,000	Page 321 CWT17103
3. Medium	Cross Connection Control Program Maintenance	Water Capital Reserve	31,000	28,000	28,000	28,000	28,000	Page 322 OWT17005
3. Medium	ICI Water Meters	Water Capital Reserve	50,000	50,000	50,000	50,000	50,000	Page 323 CWT17106
3. Medium	Security Upgrades	Water Capital Reserve	20,000	20,000	20,000	-	-	Page 324 CWT17107
2. High	Kings Court (Watermain Replacement - Oxford to cul-de-sac / Project No 18) [Multiple Funding Src]	Water Capital Reserve	-	-	250,000	-	-	Page 325
2. High	Kings Court (Watermain Replacement - Oxford to cul-de-sac / Project No 18) [Multiple Funding Src]	Sewer Capital Reserve	-	-	120,000	-	-	Page 325
2. High	SCADA - RTU Implementation Program	Water Capital Reserve	200,000	200,000	-	-	-	Page 326 CWT17104
2. High	Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src]	Asset Reserve - Transportation	75,000	-	-	-	-	Page 327 CWT17101
2. High	Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src]	Water Capital Reserve	825,000	-	-	-	-	Page 327 CWT17101
2. High	Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src]	Sewer Capital Reserve	825,000	-	-	-	-	Page 327 CWT17101
2. High	Dewdney Trunk PRV - Station Upgrade (Design)	Water Capital Reserve	-	40,000	-	-	-	Page 328
2. High	Water Conservation Coordinator resource materials & outreach tools	Water Capital Reserve	10,000	-	-	-	-	Page 329 OWT17002
2. High	Maintenance Connection Rebuild Implementation [Multiple Funding Src]	Water Capital Reserve	12,000	-	-	-	-	Page 330 OWT17001
2. High	Maintenance Connection Rebuild Implementation [Multiple Funding Src]	Sewer Capital Reserve	12,000	-	-	-	-	Page 330 OWT17001
Water Projects Total			2,543,100	743,000	1,136,000	1,148,000	1,161,000	29
Water Projects Total			2,543,100	743,000	1,136,000	1,148,000	1,161,000	29

Total Projects	11,823,852	9,467,365	7,065,800	7,816,140	14,560,440	330
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2017 - 2021 Carry Forward Project Summaries

Project Name		Funding Source	2017 Plan	Project Number
Building, Bylaw & Licensing				
Carry Forwards	CFWD Microfiche Scanning	Asset Reserve - Unallocated	3,913	OBL16001
Carry Forwards	CFWD Second Floor Renovations [Multiple Funding Src]	Water Capital Reserve	1,241	CBL15101
Carry Forwards	CFWD Second Floor Renovations [Multiple Funding Src]	Development Process Reserve	8,841	CBL15101
Carry Forwards	CFWD Second Floor Renovations [Multiple Funding Src]	Drainage Capital Reserve	1,241	CBL15101
Building, Bylaw & Licensing Projects Total			15,236	
City Manager				
Carry Forwards	CFWD Asset Management Plan [Multiple Funding Src]	Future Operating	11,518	OCI13002
Carry Forwards	CFWD Asset Management Plan [Multiple Funding Src]	Drainage Capital Reserve	5,285	OCI13002
Carry Forwards	CFWD Asset Management Plan [Multiple Funding Src]	Council Strategic Priorities Reserve	5,962	OCI13002
Carry Forwards	CFWD Asset Management Plan [Multiple Funding Src]	Water Capital Reserve	2,303	OCI13002
Carry Forwards	CFWD Moody Centre Partnership	Land Reserve	14,191	OCM15001
Carry Forwards	CFWD Strategic Plan Initiatives Funding	Council Strategic Priorities Reserve	34,237	OCM16001
Carry Forwards	CFWD Works Yard Feasibility Study	Council Strategic Priorities Reserve	8,000	OCI14003
City Manager Projects Total			81,496	
Communications and Engagement				
Carry Forwards	CFWD Corporate Pop Up Display	Council Strategic Priorities Reserve	5,000	CCO16101
Carry Forwards	CFWD PTZ Cameras Phase 2	Council Strategic Priorities Reserve	15,500	CCO16102
Communications and Engagement Projects Total			20,500	
Cultural Services				
Carry Forwards	CFWD Artist Designed Bike Racks	Art Works Reserve	5,500	CCU16102
Carry Forwards	CFWD Canada 150 Celebration	Council Strategic Priorities Reserve	31,700	OCU16001
Carry Forwards	CFWD Canada 150 Mosaic Mural	Art Works Reserve	9,375	OCU15006
Carry Forwards	CFWD Moody Street Overpass Public Art (Knots) Garden Maintenance	Art Works Reserve	2,619	OCU16004
Carry Forwards	CFWD Public Art Program Coordination	Art Works Reserve	9,304	OCU16005
Carry Forwards	CFWD Repair and Replacement of Projection Screens	Asset Reserve - Equipment - City	10,000	CCU16101
Carry Forwards	CFWD Update Arts and Culture Master Plan	Council Strategic Priorities Reserve	10,812	OCU15004
Cultural Services Projects Total			79,310	
Engineering				
Carry Forwards	CFWD Asset Management Planning and Investigation	Asset Reserve - Road Rehab-LRN	39,622	OEN16004
Carry Forwards	CFWD Barnet Hwy/IOCO Rd East Intersection Improvement	Grants	525,248	CEN06023
Carry Forwards	CFWD Barnet Landfill Redevelopment Risk Assessment	Land Reserve	27,049	OEN14012
Carry Forwards	CFWD Bike Path - Clarke St. - Moody St. Bridge to Barnet Hwy (Design & Investigation)	Gas Tax Reserve	50,000	CEN16116
Carry Forwards	CFWD Bridge Maintenance - Scoping, Assessment & Repairs	Asset Reserve - Road Rehab-LRN	1,750	OEN16002
Carry Forwards	CFWD Bridge Maintenance & Repairs	Asset Reserve - Road Rehab-LRN	15,945	CEN15103

2017 - 2021 Carry Forward Project Summaries

	Project Name	Funding Source	2017 Plan	Project Number
Carry Forwards	CFWD Bridge Upgrades - Barnet Hwy Overpass	Asset Reserve - Road Rehab-LRN	31,831	CEN16111
Carry Forwards	CFWD CP Rail Crossing - Feasibility & Investigation	Asset Reserve - Road Rehab-LRN	60,674	OEN16005
Carry Forwards	CFWD Demolish Fire Hall #1	Land Reserve	15,000	OEN14011
Carry Forwards	CFWD Environmental compensation	Accumulated Surplus	114,668	OEN14116
Carry Forwards	CFWD Evergreen Minor Civil Works	Future Operating	29,621	OEN16009
Carry Forwards	CFWD Evergreen Parking Management Strategy Pilot Project [Multiple Funding Src]	Accumulated Surplus	28,447	OEN16008
Carry Forwards	CFWD Evergreen Parking Management Strategy Pilot Project [Multiple Funding Src]	Council Strategic Priorities Reserve	3,149	OEN16008
Carry Forwards	CFWD Glenayre and College Park - Intersection Improvements and Utility Renewals [Multiple Funding Src]	Water Capital Reserve	78,139	CEN16119
Carry Forwards	CFWD Glenayre and College Park - Intersection Improvements and Utility Renewals [Multiple Funding Src]	Drainage Capital Reserve	34,728	CEN16119
Carry Forwards	CFWD Glenayre and College Park - Intersection Improvements and Utility Renewals [Multiple Funding Src]	Asset Reserve - Road Rehab-LRN	1,736	CEN16119
Carry Forwards	CFWD loco Road Infrastructure Planning Study [Multiple Funding Src]	MRN Pavement Rehab Reserve	197,378	CEN16105
Carry Forwards	CFWD loco Road Infrastructure Planning Study [Multiple Funding Src]	Drainage Capital Reserve	106,951	CEN16105
Carry Forwards	CFWD loco Road Infrastructure Planning Study [Multiple Funding Src]	Water Capital Reserve	33,508	CEN16105
Carry Forwards	CFWD Landfill Closure [Multiple Funding Src]	Land Reserve	989,223	CEN16104
Carry Forwards	CFWD Landfill Closure [Multiple Funding Src]	Grants	1,386,760	CEN16104
Carry Forwards	CFWD Liveable Street - Moody Centre Design Concept	Council Strategic Priorities Reserve	5,379	OEN12009
Carry Forwards	CFWD Master Transportation Plan	Council Strategic Priorities Reserve	14,931	OEN16001
Carry Forwards	CFWD Moody Street Overpass Deficiencies and Drainage Improvements [Multiple Funding Src]	MRN General Rehab Reserve	42,831	CEN16120
Carry Forwards	CFWD Moody Street Overpass Deficiencies and Drainage Improvements [Multiple Funding Src]	Drainage Capital Reserve	21,416	CEN16120
Carry Forwards	CFWD MRN Road Reconstruction	Water Capital Reserve	117,009	CEN16106
Carry Forwards	CFWD Murray St Bike Path Extension [Multiple Funding Src]	Grants	234,000	CEN16112
Carry Forwards	CFWD Murray St Bike Path Extension [Multiple Funding Src]	Gas Tax Reserve	339,166	CEN16112
Carry Forwards	CFWD Newport Drive/Ungless Way Crosswalks Enhancements	Asset Reserve - Road Rehab-LRN	62,891	CEN16117
Carry Forwards	CFWD Parking for Evergreen - Moody Centre	Council Strategic Priorities Reserve	3,900	OEN15004
Carry Forwards	CFWD Road Reconstruction [Multiple Funding Src]	Water Capital Reserve	9,321	CEN16102
Carry Forwards	CFWD Road Reconstruction [Multiple Funding Src]	Asset Reserve - Road Rehab-LRN	32,896	CEN16102
Carry Forwards	CFWD Site Assessment - Works Yard and Old Fire Hall Sites	286 General Amenities	52,150	OEN16007
Carry Forwards	CFWD Street Light Replacement Program [Multiple Funding Src]	Asset Reserve - Road Rehab-LRN	83,117	CEN16113
Carry Forwards	CFWD Street Light Replacement Program [Multiple Funding Src]	MRN General Rehab Reserve	19,888	CEN16113
Carry Forwards	CFWD Street Name Sign Replacement	MRN General Rehab Reserve	55,000	CEN16108
Carry Forwards	CFWD Traffic Safety - Minor Projects	Asset Reserve - Road Rehab-LRN	37,698	OEN16003

2017 - 2021 Carry Forward Project Summaries

Project Name		Funding Source	2017 Plan	Project Number
Carry Forwards	CFWD Traffic Signal - Annual Maintenance	Asset Reserve - Opening Balance	1,103	CEN14118
Carry Forwards	CFWD Traffic Signal Infrastructure [Multiple Funding Src]	Asset Reserve - Transportation	38,938	CEN16103
Carry Forwards	CFWD Traffic Signal Infrastructure [Multiple Funding Src]	MRN Pavement Rehab Reserve	79,992	CEN16103
Carry Forwards	CFWD Traffic Signal Infrastructure [Multiple Funding Src]	MRN General Rehab Reserve	99,690	CEN16103
Carry Forwards	CFWD Transit Infrastructure - Bus Stop Improvement	Asset Reserve - Road Rehab-LRN	20,117	CEN16109
Engineering Projects Total			5,142,863	
Facilities				
Carry Forwards	CFWD Arts Centre - Repairs	Debt	614,194	CFC16101
Carry Forwards	CFWD Civic Centre - Carpet Replacement Library	Asset Reserve - Facilities Maintenance	45,000	OFC15001
Carry Forwards	CFWD Civic Centre - Exterior Repairs	Asset Reserve - Opening Balance	560,941	CFC14103
Carry Forwards	CFWD Civic Centre - Repairs	Debt	5,043,894	CFC16102
Carry Forwards	CFWD Facilities - Maintenance Connections Implementation Consultation	Council Strategic Priorities Reserve	55,421	OFC15004
Carry Forwards	CFWD Facilities - Parking lot line repainting	Asset Reserve - Facilities Maintenance	19,000	OFC16010
Carry Forwards	CFWD Facilities - Replacement of gas detection sensors, multiple facilities	Asset Reserve - Facilities Maintenance	12,044	OFC16011
Carry Forwards	CFWD Inlet Fire Hall - Condition Assessment	Asset Reserve - Facilities Maintenance	30,000	OFC16013
Carry Forwards	CFWD Old Orchard Hall Caretaker Residence - Renovations options study	Asset Reserve - Facilities Maintenance	11,689	CFC16107
Carry Forwards	CFWD Recreation Complex - Arena 1 - Relamping	Asset Reserve - Facilities Maintenance	3,349	OFC16005
Carry Forwards	CFWD Recreation Complex - Arena 1 - Replace Sound System	Asset Reserve - Facilities Maintenance	20,000	CFC16106
Carry Forwards	CFWD Recreation Complex - Arena 1 ice melt pit, design	Asset Reserve - Facilities Maintenance	18,419	CFC16112
Carry Forwards	CFWD Recreation Complex - Curling Rink - Re-lamping, 2 year cycle	Asset Reserve - Facilities Maintenance	2,766	OFC16007
Carry Forwards	CFWD Recreation Complex - Electrical and plumbing services for food kiosk	Council Strategic Priorities Reserve	70,000	CFC16110
Carry Forwards	CFWD Recreation Complex - Envelope Repairs	Asset Reserve - Opening Balance	133,251	CFC14104
Carry Forwards	CFWD Recreation Complex - Exterior building mounted and parking lot relamping, 2 year cycle	Asset Reserve - Facilities Maintenance	8,079	OFC16006
Carry Forwards	CFWD Recreation Complex - Gym curtain divider walls	Asset Reserve - Facilities Maintenance	49,650	CFC16111
Carry Forwards	CFWD Recreation Complex - Repairs [Multiple Funding Src]	Grants	500,000	CFC16103
Carry Forwards	CFWD Recreation Complex - Repairs [Multiple Funding Src]	Debt	3,463,723	CFC16103
Carry Forwards	CFWD Recreation Complex - Zamboni #1 - Battery Replacement	Asset Reserve - Facilities Maintenance	12,000	CFC16105
Carry Forwards	CFWD Rocky Point Pool - Structural repair and recoat	Asset Reserve - Facilities Maintenance	257,121	CFC16104
Carry Forwards	CFWD Westhill Pool Deck, Gutter & Perimeter Walkways Repair	Asset Reserve - Opening Balance	39,618	CFC13106
Facilities Projects Total			10,970,160	
Finance				
Carry Forwards	CFWD Capital Remedial Works Contingency (5%)	Debt	525,000	CFI16101
Finance Projects Total			525,000	

2017 - 2021 Carry Forward Project Summaries

Project Name		Funding Source	2017 Plan	Project Number
Fire Rescue				
Carry Forwards	CFWD Fire Hall #1 Furniture Fixture & Equipment	Accumulated Surplus	61,861	CFD14101
Carry Forwards	CFWD Glenarye Fire hall - Mezzanine addition/storage area	Asset Reserve - Unallocated	3,167	CFD15101
Carry Forwards	CFWD Restructuring - Training & Suppression Divisions	Council Strategic Priorities Reserve	72,000	OFD16002
Carry Forwards	CFWD Upgrade EOC	Council Strategic Priorities Reserve	5,948	OFD14006
Fire Rescue Projects Total			142,976	
Human Resources				
Carry Forwards	CFWD HR & Payroll Agresso enhancements	Asset Reserve - Opening Balance	10,317	OHR12001
Carry Forwards	CFWD Potential Arbitration/Mediation	Council Strategic Priorities Reserve	24,920	OHR14001
Human Resources Projects Total			35,237	
Information Services				
Carry Forwards	CFWD Backup Server Replacements	Asset Reserve - Equipment - City	13,000	CIS16103
Carry Forwards	CFWD Completion of fiber optic cabling	Asset Reserve - Equipment - City	7,751	CIS16104
Carry Forwards	CFWD Customer Experience Program [Multiple Funding Src]	Council Strategic Priorities Reserve	102,276	OIS16004
Carry Forwards	CFWD Firewall upgrades [Multiple Funding Src]	Asset Reserve - Equipment - City	4,671	OIS16002
Carry Forwards	CFWD Maintenance Connection Interface Enhancement	Asset Reserve - Opening Balance	29,326	OIT13001
Carry Forwards	CFWD Open Data Initiative	Council Strategic Priorities Reserve	19,936	OIS14101
Carry Forwards	CFWD Upgrade Orthophotos	Asset Reserve - Unallocated	11,150	OIS16001
Carry Forwards	CFWD Upgrade to Email server	Asset Reserve - Equipment - City	10,864	OIS16003
Information Services Projects Total			198,974	
Library				
Carry Forwards	CFWD Library renovation	Asset Reserve - Opening Balance	260,937	CLI16101
Carry Forwards	CFWD Library Space Needs Analysis	Council Strategic Priorities Reserve	5,093	OLI10002
Carry Forwards	CFWD Theft detection and self check-out systems replacement	Library Reserve	64,664	CLI15101
Library Projects Total			330,694	
Operations				
Carry Forwards	CFWD Garage Improvements	Vehicle Collision Reserve	12,755	COP15112
Carry Forwards	CFWD Maintenance Connection Inventory Module Implementation + Field Tablets - MC Web App [Multiple Funding Src]	Asset Reserve - Opening Balance	8,662	OOP15002
Carry Forwards	CFWD Maintenance Connection Inventory Module Implementation + Field Tablets - MC Web App [Multiple Funding Src]	Council Strategic Priorities Reserve	8,662	OOP15002
Carry Forwards	CFWD Maintenance Connection Inventory Module Implementation + Field Tablets - MC Web App [Multiple Funding Src]	Water Capital Reserve	17,324	OOP15002
Carry Forwards	CFWD Maintenance Connection Inventory Module Implementation + Field Tablets - MC Web App [Multiple Funding Src]	Drainage Capital Reserve	8,662	OOP15002
Carry Forwards	CFWD OP054 - Purchase Civil Construction Vehicle	Council Strategic Priorities Reserve	28,672	COP16118
Carry Forwards	CFWD Replace OP022 2008 Dodge Ram Dump	Equipment Replacement Reserve Fund	426	COP16103

2017 - 2021 Carry Forward Project Summaries

Project Name		Funding Source	2017 Plan	Project Number
Carry Forwards	CFWD Replace OP026 - 2002 Ford Walk in Van	Equipment Replacement Reserve Fund	13,952	COP16105
Carry Forwards	CFWD Replace OP027 - 05 Ford Econo Van	Equipment Replacement Reserve Fund	12,983	COP15104
Carry Forwards	CFWD Replace OP038 2006 Ford F150 Pickup	Equipment Replacement Reserve Fund	641	COP16107
Carry Forwards	CFWD Replace OP042 - 2009 Mack Garbage Truck	Equipment Replacement Reserve Fund	384,825	COP15105
Carry Forwards	CFWD Replace OP043 - 2009 Mack Garbage Truck	Equipment Replacement Reserve Fund	384,706	COP16108
Carry Forwards	CFWD Replace OP044 - 2009 Mack Garbage Truck	Equipment Replacement Reserve Fund	384,824	COP16109
Carry Forwards	CFWD Vehicle Global Positioning System	Asset Reserve - Unallocated	12,615	COP16115
Operations Projects Total			1,279,707	
Parks				
Carry Forwards	CFWD Dredge Rocky Point Boat Ramp [Multiple Funding Src]	Rocky Point Ramp Reserve	13,083	OPK15002
Carry Forwards	CFWD Dredge Rocky Point Boat Ramp [Multiple Funding Src]	Asset Reserve - Opening Balance	4,787	OPK15002
Carry Forwards	CFWD Inlet Park Sportsfield Redevelopment	Inlet Park Field Redevelopment Capital Reserve	114,025	CPK16115
Carry Forwards	CFWD North Shore Artificial Turf Field and Track	Asset Reserve - Parks	126,346	CPK15107
Carry Forwards	CFWD North Shore Artificial Turf Field and Track - Construction and Design	Asset Reserve - Opening Balance	202,777	CPK15101
Carry Forwards	CFWD Playground Equipment Repairs	Asset Reserve - Parks	5,900	OPK16005
Carry Forwards	CFWD Replace PK045 - 06 Ford 1 Ton Dump	Equipment Replacement Reserve Fund	30,279	CPK16106
Carry Forwards	CFWD Rocky Point Boat Ramp Assessment	Rocky Point Ramp Reserve	8,500	OPK16004
Carry Forwards	CFWD Rocky Point Spray Park	Asset Reserve - Parks	35,000	CPK16103
Carry Forwards	CFWD Tree Replacement Program	286 General Amenities	5,189	OPK16001
Carry Forwards	CFWD Upgrade Town Centre Playground Area	Asset Reserve - Parks	5,214	CPK16110
Carry Forwards	CFWD Utility Trailer	Council Strategic Priorities Reserve	838	CPK16109
Parks Projects Total			551,938	
Planning				
Carry Forwards	CFWD Tourism Strategic Plan	Council Strategic Priorities Reserve	16,700	OPL16001
Planning Projects Total			16,700	
Police				
Carry Forwards	CFWD Air Clean Ductless Fume Hood	Future Operating	22,500	CPD16113
Carry Forwards	CFWD Community Outreach	Future Operating	5,798	OPD16005
Carry Forwards	CFWD Crime Analyst Software [Multiple Funding Src]	Asset Reserve - Equipment - Police	8,354	CPD16102
Carry Forwards	CFWD Crime Analyst Software [Multiple Funding Src]	Asset Reserve - Opening Balance	7,264	CPD16102
Carry Forwards	CFWD Crime Analyst Software [Multiple Funding Src]	Future Operating	7,349	CPD16102
Carry Forwards	CFWD CRO Training	Council Strategic Priorities Reserve	2,486	OPD15001
Carry Forwards	CFWD Deputy Recruitment	Future Operating	13,523	OPD16001

2017 - 2021 Carry Forward Project Summaries

Project Name		Funding Source	2017 Plan	Project Number
Carry Forwards	CFWD E-Comm Equipment	Future Operating	3,000	OPD16006
Carry Forwards	CFWD E-Comm Transition	Emerg-Ecomm Police Reserve	14,820	OPD16002
Carry Forwards	CFWD Ext Review of IT Section/Infrastructure Upgrades	Future Operating	10,928	OPD14004
Carry Forwards	CFWD Organizational Development	Future Operating	13,487	OPD14005
Carry Forwards	CFWD Patrol Rifles	Future Operating	17,549	CPD16105
Carry Forwards	CFWD Replacement Laptops for Police Cars	Asset Reserve - Equipment - Police	20,000	CPD15111
Carry Forwards	CFWD Replacement Network Infrastructure	Asset Reserve - Equipment - Police	14,200	CPD15112
Carry Forwards	CFWD Replacement of Door Security	Future Operating	50,000	CPD16110
Carry Forwards	CFWD Replacement of Photocopiers and Printers	Asset Reserve - Equipment - Police	18,000	CPD16108
Carry Forwards	CFWD Software Upgrade	Asset Reserve - Opening Balance	29,941	CPD14119
Carry Forwards	CFWD VPN	Asset Reserve - Equipment - Police	12,881	CPD15114
Police Projects Total			272,080	
Recreation				
Carry Forwards	CFWD CLASS replacement [Multiple Funding Src]	Asset Reserve - Unallocated	118,533	CRS16102
Carry Forwards	CFWD Replacement of Selectorized Weight Equipment	Asset Reserve - Equipment - City	105,000	CRS16101
Carry Forwards	CFWD Seniors Gathering Place	Accumulated Surplus	6,300	ORS16001
Carry Forwards	CFWD Wheelchair Rental	Grants	2,000	ORS15001
Recreation Projects Total			231,833	
Sewer & Drainage				
Carry Forwards	CFWD Asset Management - Sewer & Drainage	Drainage Capital Reserve	85,095	CSD16102
Carry Forwards	CFWD Drainage Assessment - Adaptive Management Framework	Drainage Capital Reserve	73,291	OSD16003
Carry Forwards	CFWD Drainage Assessment - North Shore ISMP	Asset Reserve - Opening Balance	212,925	OSD16002
Carry Forwards	CFWD Drainage Improvements - Moody Centre	Drainage Capital Reserve	100,000	CSD16106
Carry Forwards	CFWD Environmental Investigation & Response - Drainage Systems	Asset Reserve - Opening Balance	21,494	OSD16004
Carry Forwards	CFWD Integrated Stormwater Management Plans: Suter Brook	Asset Reserve - Opening Balance	80,000	OSD14002
Carry Forwards	CFWD Melrose Creek Sanitary Sewer	Drainage Capital Reserve	146,472	CSW15101
Carry Forwards	CFWD North Shore Integrated Stormwater Management Plan	Asset Reserve - Opening Balance	56,255	OSW12004
Carry Forwards	CFWD Resurfacing - Utility Rights of Way	Drainage Capital Reserve	125,000	CSD16109
Carry Forwards	CFWD Rights-of-Way Assessment	Drainage Capital Reserve	38,939	OSD16006
Carry Forwards	CFWD Sanitary Forcemain Assessment - North Shore	Drainage Capital Reserve	74,286	OSD16007
Carry Forwards	CFWD Sanitary Sewer Repair Program - South Shore	Drainage Capital Reserve	353,517	CSD16101
Carry Forwards	CFWD Sanitary Sewer Repairs - Areas K2, B, C and D	Drainage Capital Reserve	86	CSD15103
Carry Forwards	CFWD Sanitary Sewer Repairs - Avalon Rd	Drainage Capital Reserve	60,000	CSD16103

2017 - 2021 Carry Forward Project Summaries

Project Name		Funding Source	2017 Plan	Project Number
Carry Forwards	CFWD Slope Stability - Mercier Rd.	Drainage Capital Reserve	34,256	CSW14105
Carry Forwards	CFWD Stream Rehabilitation Project - Noons Creek at Ioco Rd	Drainage Capital Reserve	634,766	CSD16108
Carry Forwards	CFWD Survey and CCTV Inspection - Storm Drain/Sewer System	Asset Reserve - Opening Balance	49,765	OSD16005
Carry Forwards	CFWD Turner Creek Slope Stability (Mercier Road)	Drainage Capital Reserve	25,019	CSD16110
Carry Forwards	CFWD Watershed Hazard Assessment: North Shore Stream Inventory & Slope Hazard Analysis	Asset Reserve - Opening Balance	34,545	OSD14005
Sewer & Drainage Projects Total			2,205,712	
Sustainability				
Carry Forwards	CFWD Business Connections	Council Strategic Priorities Reserve	5,475	OSU15001
Carry Forwards	CFWD Environmental Procedures Review and Development	Council Strategic Priorities Reserve	30,000	OSU16001
Carry Forwards	CFWD Environmentally Sensitive Areas Management Strategy Update	Council Strategic Priorities Reserve	26,802	OSU14002
Carry Forwards	CFWD Sustainability Plan	Future Operating	30,000	OSU12001
Carry Forwards	CFWD Targeted Knotweed and Spartina Treatment and Removal	Council Strategic Priorities Reserve	7,295	OSU16002
Sustainability Projects Total			99,572	
Water				
Carry Forwards	CFWD Asset Management - Water System	Water Capital Reserve	48,307	CWT16117
Carry Forwards	CFWD Cross Connection Control Strategy	Asset Reserve - Opening Balance	137,528	OWT15001
Carry Forwards	CFWD ICI Water Meters	Water Capital Reserve	43,904	CWT16114
Carry Forwards	CFWD Lift Station Improvements - Beach Avenue	Water Capital Reserve	167,351	CWT16109
Carry Forwards	CFWD PRV Chambers - Electrical Upgrades	Water Capital Reserve	76,353	CWT16108
Carry Forwards	CFWD Reservoir Improvements	Water Capital Reserve	135,098	CWT13103
Carry Forwards	CFWD Reservoir Mixing	Water Capital Reserve	120,000	CWT15103
Carry Forwards	CFWD SCADA - Data Security Management Plan	Water Capital Reserve	50,000	CWT16106
Carry Forwards	CFWD SCADA - RTU Implementation Program	Water Capital Reserve	46,479	CWT16110
Carry Forwards	CFWD Watermain Improvements - Pressure Zone 151 (Cecile/Highview)	Water Capital Reserve	187,631	CWT16111
Carry Forwards	CFWD Watermain Replacement - Glenacre Court	Water Capital Reserve	110,055	CWT16113
Carry Forwards	CFWD Watermain Replacement - Kings Court from Oxford to cul-de-sac (No 18)	Water Capital Reserve	45,000	CWT16118
Carry Forwards	CFWD Watermain Replacement - Mt Royal from Clarke to cul-de-sac (No 11)	Water Capital Reserve	311,914	CWT16121
Water Projects Total			1,479,618	
All Projects Total			23,679,605	
Total Projects			23,679,605	



CITY OF PORT MOODY

Capital Projects by Reserve

2017-2021 FINANCIAL PLAN

2017
 Proposed Projects

	City Administration		Community Services			Corporate Services		Development Services		Environment & Parks		Engineering & Operations			Finance & Technology		Fire Rescue	Library	Police	Water	Sewer & Drainage	Total
	Admin	Mayor & Council	Culture	Facilities	Rec	HR	Legislative Services	Building, Bylaw & Licensing	Planning	Sustainability	Parks	Eng	Ops	Solid Waste	Finance	IS	Fire Rescue	Library	Police	Water	Sewer & Drainage	
286 General Amenities	-	-	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-	-	-	-	-	-	15,000
Accumulated Surplus	-	-	-	-	35,930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35,930
Art Works Reserve	-	-	19,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,400
Asset Reserve - Equipment - City	-	-	42,000	6,000	223,000	-	-	-	-	-	-	-	-	-	25,000	-	-	-	-	-	-	296,000
Asset Reserve - Equipment - Police	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127,100	-	-	127,100
Asset Reserve - Facilities Maintenance	-	-	-	1,019,850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,019,850
Asset Reserve - Parks	-	-	-	6,000	-	-	-	-	-	346,500	-	-	-	-	-	-	-	-	-	-	-	352,500
Asset Reserve - Transportation	-	-	-	-	-	-	-	-	-	-	1,070,000	-	-	-	-	-	-	-	-	75,000	15,000	1,160,000
Asset Reserve - Unallocated	-	-	55,000	350,000	-	-	-	6,500	-	-	215,000	-	-	-	47,000	-	-	-	-	-	-	673,500
Carbon Offsets Community Reserve	-	-	-	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,000
Council Strategic Priorities Reserve	155,000	-	50,000	40,000	5,000	-	-	-	50,000	20,000	-	7,000	-	25,000	-	-	15,000	-	-	-	-	367,000
Development Process Reserve	-	-	-	-	-	-	-	-	17,000	-	-	-	-	-	-	-	-	-	-	-	-	17,000
Emerg-Ecomm Police Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60,928	-	-	60,928
Emergency Measures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,334	-	-	-	-	26,334
Equipment Replacement Reserve Fund	-	-	-	297,750	-	-	-	-	-	90,000	-	1,546,000	20,550	-	-	-	60,000	-	-	-	-	2,014,300
Future Operating	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	107,500	-	-	-	107,500
Grants	-	-	-	-	-	-	-	-	-	20,000	277,000	-	-	-	-	-	-	-	-	-	-	297,000
Land Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	68,000	-	-	-	-	-	-	-	68,000
Library Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85,000	-	-	-	-	85,000
MRN General Rehab Reserve	-	-	-	-	-	-	-	-	-	-	180,000	-	-	-	-	-	-	-	-	-	-	180,000
MRN Pavement Rehab Reserve	-	-	-	-	-	-	-	-	-	-	850,000	-	-	-	-	-	-	-	-	-	-	850,000
Off Road Parking Fund	-	-	-	85,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85,000
Private Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation Utility Reserve	-	-	-	-	-	-	-	-	-	-	-	6,500	79,660	-	-	-	-	-	-	-	-	86,160
Sewer Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	837,000	1,344,850	2,184,350
TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,082	19,400	-	38,482
Water Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	1,612,018	15,000	1,629,518
Total	155,000	-	166,400	1,832,600	263,930	-	-	6,500	17,000	50,000	491,500	2,592,000	1,564,500	100,210	93,000	72,000	86,334	100,000	295,528	2,543,100	1,394,250	11,823,852

City of Port Moody
Capital Projects by Reserves
For the Years 2017 - 2021

2018
Proposed Projects

	City Administration		Community Services			Corporate Services		Development Services		Environment & Parks		Engineering & Operations			Finance & Technology		Fire Rescue	Library	Police	Water	Sewer & Drainage	Total
	Admin	Mayor & Council	Culture	Facilities	Rec	HR	Legislative Services	Building, Bylaw & Licensing	Planning	Sustainability	Parks	Eng	Ops	Solid Waste	Financial Services	IS	Fire Rescue	Library	Police	Water	Sewer & Drainage	
286 General Amenities	-	-	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-	-	-	-	-	-	15,000
Accumulated Surplus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Art Works Reserve	-	-	16,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,700
Asset Reserve - Equipment - City	-	-	9,500	-	-	-	-	-	-	-	-	-	-	-	155,000	-	-	-	-	-	-	164,500
Asset Reserve - Equipment - Police	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,500	-	-	-	52,500
Asset Reserve - Facilities Maintenance	-	-	-	1,018,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,018,000
Asset Reserve - Parks	-	-	-	-	-	-	-	-	-	335,000	-	-	-	-	-	-	-	-	-	-	-	335,000
Asset Reserve - Transportation	-	-	-	-	-	-	-	-	-	-	360,000	-	-	-	-	-	-	-	-	-	500,000	860,000
Asset Reserve - Unallocated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	-	-	-	-	529,296	541,296
Carbon Offsets Community Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Council Strategic Priorities Reserve	5,000	-	-	-	-	-	-	156,750	-	20,000	-	12,000	-	-	15,000	-	-	-	-	-	-	208,750
Development Process Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emerg-Ecomm Police Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Measures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment Replacement Reserve Fund	-	-	-	51,000	-	-	-	-	-	41,500	-	38,545	20,550	-	-	-	-	-	-	-	-	151,595
Future Operating	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Land Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Library Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRN General Rehab Reserve	-	-	-	-	-	-	-	-	-	-	255,000	-	-	-	-	-	-	-	-	-	-	255,000
MRN Pavement Rehab Reserve	-	-	-	-	-	-	-	-	-	-	700,000	-	-	-	-	-	-	-	-	-	-	700,000
Off Road Parking Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation Utility Reserve	-	-	-	-	-	-	-	-	-	-	-	6,500	-	-	-	-	-	-	-	-	-	6,500
Sewer Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	-	3,532,272	3,534,772
TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,640	11,640
Water Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	743,000	850,612	1,596,112
Total	5,000	-	26,200	1,069,000	-	-	-	156,750	-	411,500	1,315,000	62,045	20,550	-	182,000	-	-	52,500	743,000	5,423,820	9,467,365	

2019
Proposed Projects

	City Administration		Community Services			Corporate Services		Development Services		Environment & Parks		Engineering & Operations			Finance & Technology		Fire Rescue	Library	Police	Water	Sewer & Drainage	Total
	Admin	Mayor & Council	Culture	Facilities	Rec	HR	Legislative Services	Building, Bylaw & Licensing	Planning	Sustainability	Parks	Eng	Ops	Solid Waste	Financial Services	IS	Fire Rescue	Library	Police	Water	Sewer & Drainage	
286 General Amenities	-	-	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-	-	-	-	-	-	15,000
Accumulated Surplus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Art Works Reserve	-	-	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,000
Asset Reserve - Equipment - City	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35,000	-	-	-	-	-	-	35,000
Asset Reserve - Equipment - Police	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	205,500	-	-	-	205,500
Asset Reserve - Facilities Maintenance	-	-	-	1,056,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,056,500
Asset Reserve - Parks	-	-	-	-	-	-	-	-	-	488,000	-	-	-	-	-	-	-	-	-	-	-	488,000
Asset Reserve - Transportation	-	-	-	-	-	-	-	-	-	-	710,000	-	-	-	-	-	-	-	-	80,000	-	790,000
Asset Reserve - Unallocated	-	-	20,000	-	-	-	-	-	-	-	-	-	-	-	12,000	-	-	-	-	-	-	32,000
Carbon Offsets Community Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Council Strategic Priorities Reserve	5,000	-	-	-	-	-	-	-	-	20,000	-	12,000	-	-	-	-	-	-	-	-	-	37,000
Development Process Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emerg-Ecomm Police Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Measures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment Replacement Reserve Fund	-	-	36,750	198,000	-	-	-	-	-	113,500	-	95,500	20,550	-	-	-	65,000	-	433,000	-	-	962,300
Future Operating	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Land Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Library Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRN General Rehab Reserve	-	-	-	-	-	-	-	-	-	-	155,000	-	-	-	-	-	-	-	-	-	-	155,000
MRN Pavement Rehab Reserve	-	-	-	-	-	-	-	-	-	-	600,000	-	-	-	-	-	-	-	-	-	-	600,000
Off Road Parking Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation Utility Reserve	-	-	-	-	-	-	-	-	-	-	-	6,500	-	-	-	-	-	-	-	-	-	6,500
Sewer Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	120,000	1,605,000	1,727,500
TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	936,000	-	938,500
Total	5,000	-	73,750	1,254,500	-	-	-	-	-	636,500	1,465,000	119,000	20,550	-	47,000	65,000	-	638,500	1,136,000	1,605,000	7,065,800	

City of Port Moody
Capital Projects by Reserves
For the Years 2017 - 2021

2020
Proposed Projects

	City Administration		Community Services			Corporate Services		Development Services		Environment & Parks		Engineering & Operations			Finance & Technology		Fire Rescue	Library	Police	Water	Sewer & Drainage	Total
	Admin	Mayor & Council	Culture	Facilities	Rec	HR	Legislative Services	Building, Bylaw & Licensing	Planning	Sustainability	Parks	Eng	Ops	Solid Waste	Financial Services	IS	Fire Rescue	Library	Police	Water	Sewer & Drainage	
286 General Amenities	-	-	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-	-	-	-	-	-	15,000
Accumulated Surplus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Art Works Reserve	-	-	17,340	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,340
Asset Reserve - Equipment - City	-	-	103,000	-	210,000	-	-	-	-	-	-	-	-	-	-	58,000	-	-	-	-	-	371,000
Asset Reserve - Equipment - Police	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	157,000	-	-	157,000
Asset Reserve - Facilities Maintenance	-	-	-	1,222,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,222,000
Asset Reserve - Parks	-	-	-	-	-	-	-	-	-	490,000	-	-	-	-	-	-	-	-	-	-	-	490,000
Asset Reserve - Transportation	-	-	-	-	-	-	-	-	-	-	710,000	-	-	-	-	-	-	-	-	-	-	710,000
Asset Reserve - Unallocated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	-	-	-	-	-	12,000
Carbon Offsets Community Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Council Strategic Priorities Reserve	5,000	-	-	20,000	-	-	-	-	-	20,000	-	12,000	-	-	-	-	-	-	-	-	-	57,000
Development Process Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emerg-Ecomm Police Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Measures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment Replacement Reserve Fund	-	-	-	55,250	-	-	-	-	-	142,000	-	1,055,000	20,550	-	-	-	87,500	-	284,000	-	-	1,644,300
Future Operating	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Land Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Library Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRN General Rehab Reserve	-	-	-	-	-	-	-	-	-	-	155,000	-	-	-	-	-	-	-	-	-	-	155,000
MRN Pavement Rehab Reserve	-	-	-	-	-	-	-	-	-	-	650,000	-	-	-	-	-	-	-	-	-	-	650,000
Off Road Parking Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation Utility Reserve	-	-	-	-	-	-	-	-	-	-	-	6,500	-	-	-	-	-	-	-	-	-	6,500
Sewer Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	-	1,156,000	1,158,500
TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	1,148,000	-	1,150,500
Total	5,000	-	120,340	1,297,250	210,000	-	-	-	-	667,000	1,515,000	1,078,500	20,550	-	70,000	87,500	-	441,000	1,148,000	1,156,000	7,816,140	

2021
Proposed Projects

	City Administration		Community Services			Corporate Services		Development Services		Environment & Parks		Engineering & Operations			Finance & Technology		Fire Rescue	Library	Police	Water	Sewer & Drainage	Total
	Admin	Mayor & Council	Culture	Facilities	Rec	HR	Legislative Services	Building, Bylaw & Licensing	Planning	Sustainability	Parks	Eng	Ops	Solid Waste	Financial Services	IS	Fire Rescue	Library	Police	Water	Sewer & Drainage	
286 General Amenities	-	-	-	-	-	-	-	-	-	15,000	-	-	-	-	-	-	-	-	-	-	-	15,000
Accumulated Surplus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Art Works Reserve	-	-	17,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,700
Asset Reserve - Equipment - City	-	-	37,500	-	40,000	-	-	-	-	-	-	-	-	-	-	115,000	-	-	-	-	-	192,500
Asset Reserve - Equipment - Police	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148,440	-	-	148,440
Asset Reserve - Facilities Maintenance	-	-	-	1,141,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,141,500
Asset Reserve - Parks	-	-	-	-	-	-	-	-	-	110,000	-	-	-	-	-	-	-	-	-	-	-	110,000
Asset Reserve - Transportation	-	-	-	-	-	-	-	-	-	-	535,000	-	-	-	-	-	-	-	-	-	-	535,000
Asset Reserve - Unallocated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Offsets Community Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Council Strategic Priorities Reserve	5,000	-	-	-	-	-	-	-	-	20,000	-	7,000	-	-	-	-	-	-	-	-	-	32,000
Development Process Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emerg-Ecomm Police Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Measures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment Replacement Reserve Fund	-	-	-	-	-	-	-	-	-	104,000	-	165,250	20,550	-	-	-	40,000	-	61,000	-	-	390,800
Future Operating	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Land Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Library Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRN General Rehab Reserve	-	-	-	-	-	-	-	-	-	-	55,000	-	-	-	-	-	-	-	-	-	-	55,000
MRN Pavement Rehab Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	750,000	750,000
Off Road Parking Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private Contributions	-	-	-	-	-	-	-	-	-	5,665,000	-	-	-	-	-	-	-	-	-	-	-	5,665,000
Sanitation Utility Reserve	-	-	-	-	-	-	-	-	-	-	-	6,500	-	-	-	-	-	-	-	-	-	6,500
Sewer Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	-	3,235,000	3,237,500
TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Capital Reserve	-	-	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	1,161,000	1,100,000	2,263,500
Total	5,000	-	55,200	1,141,500	40,000	-	-	-	-	5,914,000	590,000	183,750	20,550	-	115,000	40,000	-	209,440	1,161,000	5,085,000	14,560,440	

City of Port Moody
 Capital Projects by Reserves
 For the Years 2017 - 2021

2016
 Carry Forward Projects

	City Administration	Community Services			Corporate Services			Development Services		Environment & Parks		Engineering & Operations		Finance & Technology		Fire Rescue	Fiscal	Library	Police	Water	Sewer & Drainage	Total
	Admin	Culture	Facilities	Rec	Communications and Engagement	HR	Legislative Services	Building, Bylaw & Licensing	Planning	Sustainability	Parks	Eng	Ops	Finance	IS	Fire Rescue	Fiscal Services	Library	Police	Water	Sewer & Drainage	
286 General Amenities	-	-	-	-	-	-	-	-	-	-	5,189	-	-	-	-	-	-	-	-	-	-	57,339
Accumulated Surplus	-	-	-	6,300	-	-	-	-	-	-	-	-	-	-	-	61,861	-	-	-	-	-	211,276
Art Works Reserve	-	26,798	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,798
Asset Reserve - Equipment - City	-	10,000	-	105,000	-	-	-	-	-	-	-	-	-	-	36,286	-	-	-	-	-	-	151,286
Asset Reserve - Equipment - Police	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73,435
Asset Reserve - Facilities Maintenance	-	-	489,117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	489,117
Asset Reserve - Opening Balance	-	-	733,811	-	-	10,317	-	-	-	-	207,564	1,103	8,662	-	29,326	-	-	260,937	37,205	137,528	454,984	1,881,434
Asset Reserve - Parks	-	-	-	-	-	-	-	-	-	-	172,460	-	-	-	-	-	-	-	-	-	-	172,460
Asset Reserve - Road Rehab-LRN	-	-	-	-	-	-	-	-	-	-	-	388,278	-	-	-	-	-	-	-	-	-	388,278
Asset Reserve - Transportation	-	-	-	-	-	-	-	-	-	-	-	38,938	-	-	-	-	-	-	-	-	-	38,938
Asset Reserve - Unallocated	-	-	-	118,533	-	-	-	3,913	-	-	-	-	12,615	-	11,150	3,167	-	-	-	-	-	149,378
Council Strategic Priorities Reserve	48,199	42,512	125,421	-	20,500	24,920	-	-	16,700	69,572	838	27,360	37,334	-	122,212	77,948	-	5,093	2,486	-	-	621,096
Debt	-	-	9,121,811	-	-	-	-	-	-	-	-	-	-	525,000	-	-	-	-	-	-	-	9,646,811
Development Process Reserve	-	-	-	-	-	-	-	8,841	-	-	-	-	-	-	-	-	-	-	-	-	-	8,841
Drainage Capital Reserve	5,285	-	-	-	-	-	-	1,241	-	-	-	163,095	8,662	-	-	-	-	-	-	-	1,750,728	1,929,011
Emerg-Ecomm Police Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,820
Equipment Replacement Reserve Fund	-	-	-	-	-	-	-	-	-	-	30,279	-	1,182,356	-	-	-	-	-	-	-	-	1,212,635
Future Operating	11,518	-	-	-	-	-	-	-	-	30,000	-	29,621	-	-	-	-	-	-	144,134	-	-	215,274
Gas Tax Reserve	-	-	-	-	-	-	-	-	-	-	-	389,166	-	-	-	-	-	-	-	-	-	389,166
Grants	-	-	500,000	2,000	-	-	-	-	-	-	-	2,146,008	-	-	-	-	-	-	-	-	-	2,648,008
Inlet Park Field Redevelopment Capital Reserve	-	-	-	-	-	-	-	-	-	-	114,025	-	-	-	-	-	-	-	-	-	-	114,025
Land Reserve	14,191	-	-	-	-	-	-	-	-	-	-	1,031,272	-	-	-	-	-	-	-	-	-	1,045,463
Library Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64,664	-	-	-	-	64,664
MRN General Rehab Reserve	-	-	-	-	-	-	-	-	-	-	-	217,410	-	-	-	-	-	-	-	-	-	217,410
MRN Pavement Rehab Reserve	-	-	-	-	-	-	-	-	-	-	-	277,370	-	-	-	-	-	-	-	-	-	277,370
Rocky Point Ramp Reserve	-	-	-	-	-	-	-	-	-	-	21,583	-	-	-	-	-	-	-	-	-	-	21,583
Vehicle Collision Reserve	-	-	-	-	-	-	-	-	-	-	-	-	12,755	-	-	-	-	-	-	-	-	12,755
Water Capital Reserve	2,303	-	-	-	-	-	-	1,241	-	-	-	237,977	17,324	-	-	-	-	-	-	1,342,090	-	1,600,935
Total	81,496	79,310	10,970,160	231,833	20,500	35,237	-	15,236	16,700	99,572	551,938	5,142,863	1,279,707	525,000	198,974	142,976	-	330,694	272,080	1,479,618	2,205,712	23,679,605



CITY OF PORT MOODY

Project Details

2017-2021 FINANCIAL PLAN

PROJECT #1

Project Name	Council Strategic Plan Goals					
Project Type	Operating				Fund	11
Department City Administration - Division	City Manager				Costc	104
Strategic Plan Category	Planning for the Future					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve	150,000					150,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Project Description (Details & Comments)
 Funding set aside for new initiatives as identified in the Council Strategic Plan. C215

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #2

Project Name	Mayor's Community Events					
Project Type	Operating				Fund	11
Department City Administration - Division	City Manager				Costc	104
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	No					Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?	No					
Communications/Civic Engagements resource required?	Yes	Please contact Leslyn Johnson or Rosemary Lodge for advice and assistance before budgeting for projects which may require Communications and/or Civic Engagement support				
Funding Sources:	2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve	5,000	5,000	5,000	5,000	5,000	25,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000

Project Description (Details & Comments)

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #1

Project Name	Moody Street Overpass Public Art (Knots) Garden Maintenance						
Project Type	Operating				Fund	11	
Department	Community Services - Division				Costc	224	
Strategic Plan Category	Cultural Services						
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Art Works Reserve	3,000					3,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000	

Project Description (Details & Comments)
 The Knots artwork installation (Moody Street Overpass public art) includes a horticultural component of tall grass plantings. The grasses will require additional care and watering for the first two years in order to ensure that they become properly established and do not die. This project budget covers staff time for the additional work required to maintain these plantings for 2016 and 2017. The majority of the staff time is for watering during the summer months.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The tall grasses included in this public art project form an important component at the base of the artwork. The plantings will be require additional care for the first two years while they establish themselves. The care required afterwards is quite a bit less. Without the additional care for the first two years, the grasses are likely to die.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Pre-Approval is requested so that the Horticultural Division can look after the grasses.

PROJECT #2

Project Name	Canada 150 Celebration						
Project Type	Operating				Fund	11	
Department	Community Services - Division				Costc	224	
Strategic Plan Category	Cultural Services						
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID		Information System fee Included Below				
Project Management Fee Included Below			Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Council Strategic Priorities Reserve	50,000					50,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	

Project Description (Details & Comments)
 This project is to provide an enhanced event as part of Golden Spike Days on July 1, 2017 to celebrate Canada's 150th birthday. This project will be planned with the Golden Spike Days Society as well as some other community partners with the purpose of adding a variety of enhanced arts and entertainment components to Golden Spike Days on Canada Day in 2017. Grant opportunities will also be sought.
 It is anticipated that many resources for 2017 will require a 50% deposit in 2016. 50% of the funding is conservatively being requested in 2016 for this purpose.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Council has asked that staff prepare a special celebration for Canada Day in 2017 to recognize Canada's 150th birthday.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not applicable

Pre-Approval Justification
 Deposit expenses related to planning this celebration are likely to arise very early in 2017.

PROJECT #3

Project Name	Replacement of Cultural Services Van					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	953
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID No		Information System fee Included Below			
Project Management Fee Included Below	No		Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			36,750			36,750
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 36,750	\$ -	\$ -	\$ 36,750

Project Description (Details & Comments)
 This project is for the replacement of the Cultural Services van, which will be 12 years old in 2019. The project also includes the provision of an artist designed wrap for the vehicle.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The Cultural Services van is primarily used by the Cultural Services Division in the support of City and Community events. It is often used a method of moving equipment to and from event sites. The van is also used by other staff as a passenger van or for other City business. The van is critical to Cultural Services in being able to provide support to both City and community events.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 As the replacement date approaches an electric vehicle should be considered for the replacement.

PROJECT #4

Project Name	Public Art Program Coordination					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	224
Strategic Plan Category	Cultural Services					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Yes	Information System fee Included Below			
Project Management Fee Included Below	All	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Art Works Reserve	16,400	16,700	17,000	17,340	17,700	85,140
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 16,400	\$ 16,700	\$ 17,000	\$ 17,340	\$ 17,700	\$ 85,140

Project Description (Details & Comments)
 Annual project to cover costs of Public Art Coordinator's work on individual projects and overall program coordination, including the maintenance of the City's public art collection.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Public Art is an important aspect of Arts and Culture in Port Moody. Program and project coordination is required for new projects as well as ensuring that existing pieces reach their maximum life.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 n/a

PROJECT #5

Project Name	Film Projector Replacement					
Project Type	Capital			Fund	21	
Department	Community Services - Division			Costc	953	
Strategic Plan Category	Cultural Services					
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City				31,000		31,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 31,000	\$ -	\$ 31,000

Project Description (Details & Comments)
 The Film projector is on an 8 year lifecycle, which is a little long for technology. This project is for the replacement of the projector used to show monthly films and for Council open houses and town hall meetings.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This projector is critical for the screening of monthly films by the Film Society; Council events and general rentals that take place in the Theatre. These events could not take place without this projector.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #6

Project Name	Replacement of concert audio console and misc audio equipment					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	953			
Strategic Plan Category	Cultural Services					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City				28,000		28,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 28,000	\$ -	\$ 28,000

Project Description (Details & Comments)
 The replacement of the large audio console (\$24,000) for live concerts; the replacement of the audio effects processor for concerts (\$2,000) and audio equalizers (\$2,000)

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This audio console, equalizers and processor is critical for our live concert events. Without them we would not be able to accommodate concerts in the Theatre.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #7

Project Name	Wired and Wireless Microphone Replacement					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	953
Strategic Plan Category	Cultural Services					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City				20,000		20,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000

Project Description (Details & Comments)
 This project is to replace the microphones at Inlet Theatre. This includes the wired and wireless microphones used for rental and council events. This project does not include the Council desk microphones. The budget for this project is an estimate at this time. An update budget will be presented closer to 2020 once an assessment of the condition of each microphone has been done in 2019.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The wired and wireless microphones are used for every event at the Inlet Theatre and having properly working microphones is critical to the operation of the Theatre.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not applicable

PROJECT #8

Project Name	Replacement of Fesnel Lights					
Project Type	Capital			Fund	21	
Department	Community Services - Division			Costc	953	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City				24,000		24,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 24,000	\$ -	\$ 24,000

Project Description (Details & Comments)

The Fesnel lights in Inlet Theatre are the lights above the stage. This project is to replace those lights. This project will be updated in 2019. LED technology continues to improve and decrease in price.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

These lights are critical to every event that takes place in the Theatre including Council meetings. These lights will be 25 years old in 2020. They were originally scheduled to be replaced after 15 years however they have been working well and another 10 years were added to their lifecycle. A closer assessment will be made closer to 2020 to see if their life can be extended further. At the time of replacement, a business case analysis will be done to see if LED lighting technology has become a cost effective option.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

LED technology will be investigated to see if it is a cost effective option.

PROJECT #9

Project Name	Council Projector Replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	953			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID Yes	Information System fee Included Below				
Project Management Fee Included Below	Yes	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	14,000					14,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ 14,000

Project Description (Details & Comments)
 Replacement of the projector used in the Inlet Theatre for Council meetings. The project budget was increased from \$12,000 to \$14,000 (in 2016) to allow for the purchase of an additional lens and mounting bracket. The last purchase permitted reusing the previous lens and bracket as the replacement projector was an updated model of the same size. That model appears to be discontinued so a new lens and bracket are anticipated to be required.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This projector is important to Council meetings. This projector is used for public presentations and for displaying Council agendas to the public.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Energy efficient options will be sought in the replacement of this item.

PROJECT #10

Project Name	Replacement of Bistro Bar Fridge					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	953			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID	yes				Information System fee Included Below
Project Management Fee Included Below	yes				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	6,000					6,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000

Project Description (Details & Comments)
 Replacement of the bar fridge in the Inlet Theatre Bistro. This is the fridge used for serving the public at Theatre and City events.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This fridge is an important part of the concession services provided to the public during the Inlet Theatre events.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Energy efficient options will be sought in the replacement of this item.

PROJECT #11

Project Name	Museum Railway Plinths /RR crossing rebuild					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	953			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated	35,000					35,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000

Project Description (Details & Comments)
 The railway plinths and crossing comprise part of the outdoor heritage character of the Museum site. Maintaining them in a safe manner is a necessity.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The wooden ties are deteriorating and require replacement. Maintaining the heritage character of the Station by replacing with authentic materials is standard practice.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The plinths were installed 33 years ago with a 30 year life expectancy. The used creosote ties would be recycled in an environmentally friendly manner. Maintaining capital infrastructure will maintain sustainability.

PROJECT #12

Project Name	Museum Back Deck Replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	953			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated	20,000					20,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Project Description (Details & Comments)
 The back deck of the Museum is currently not useable by the public. A replacement would be undertaken to make it a functional component of the Museum.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The back deck could be a venue for the Museum to host outdoor events and/or displays. It would also add a level of safety as an additional emergency exit. Additional benefit would be running rain water away from the building improving building integrity.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The most green products will be used for construction, reducing the environmental impact as much as possible. A life expectancy on the infrastructure of 25 years is expected.

PROJECT #13

Project Name	Inlet Theatre Stage Refinishing and Drapery Cleaning					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	953
Strategic Plan Category	Cultural Services					
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 1,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 500	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated			20,000			20,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000

Project Description (Details & Comments)
 Every five years the theatre drapes must be treated with a fire retardant. This is also the opportunity to have the drapes and seats cleaned. This is also the time to refinish the stage floor, while the drapes have been removed for cleaning and treating.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 By regulation, the theatre drapes must be treated with a fire retardant every five years. The stage is also looking well used after five years. Maintaining the theatre facility and equipment ensures that we maximize its life and combining the projects creates efficiencies for managing the drapes.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not applicable

PROJECT #14

Project Name	Compressor/gates, patch bay, drive rack and presentation computer					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	953			
Strategic Plan Category	Cultural Services					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City		9,500				9,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 9,500	\$ -	\$ -	\$ -	\$ 9,500

Project Description (Details & Comments)
 The audio patch bay, compressor/gate processors and drive rack are at the end of their lifecycle and will need to be replaced. This project has been updated to include the replacement of the presentation computer in the Theatre.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The patch bay, rack and processing units are essential to run the audio system in the theatre. It's necessary to replace these so that we can continue to deliver excellent sound quality in the venue. This equipment is critical to both our renters and Council events. The presentation computer is critical to most rentals as it is used for every Council event/meeting in the Theatre.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 n/a

PROJECT #15

Project Name	Mackie SM250 and Amplifier Replacment					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	953
Strategic Plan Category	Cultural Services					
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	\$ -
Project Management Fee Included Below	\$ -				Communications Fee Included Below	\$ -
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ -				Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City					7,500	7,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 7,500	\$ 7,500

Project Description (Details & Comments)
 The replacement of two portable powered speakers (Mackie SM250) and the replacement of the two remaining original amplifiers from 1995.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Maintaining and replacing the theatre equipment is necessary for ensuring that equipment is ready for use for renters and city events. The powered speakers will be 20 years old in 2021. The original amplifiers installed in the Theatre were more generic than meant for amplified performances. These are the last two original amplifiers and will be replaced with equipment that matches the other audio equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not applicable

PROJECT #16

Project Name	Video System Upgrade					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	953
Strategic Plan Category	Cultural Services					
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ -				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ -				Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City					20,000	20,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000

Project Description (Details & Comments)

The replacement of video switching and distribution equipment. This is the equipment that allows for a variety of video inputs such as the Council presentation computer, Clerk's computer, and video playback systems to be sent to various displays including the Council projector and film projector. The budget amount for this project is a very rough estimate. Video technology changes rapidly and it is difficult to know exactly what will be required in 2021. In 2020 an evaluation of the video needs will be undertaken which will include City general, Council specific and renter general needs, in order to determine what will serve the City best at that time.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Keeping the video equipment in the Theatre working properly is key to both our renters and to the City's various town hall meetings and Council meetings.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #17

Project Name	Council Presentation Video Screen					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	953			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	10,000					10,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000

Project Description (Details & Comments)
 This project is to replace the video display facing Council in chambers. For the last number of years we have been using a retired projector from the Brovold Room to provide Council with a mirrored view of what is displayed on the screen that faces the public at Council meetings. This projector was taken out of service a number of years ago and was only intended to be used as a short term solution for Council. The projector now requires replacement. This replacement will be in the form of a new projector and with storage case as well as a new projection screen which will provide a more professional look for Council.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 It is important that Council be able to easily see presentations during meetings and that they are not required to turn around to do so.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #18

Project Name	Bistro Gate					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Cultural Services	Costc	953		
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID \$ 1,500	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	12,000					12,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ 12,000

Project Description (Details & Comments)
 To install a metal gate over the Inlet Theatre Bistro serving counter. This gate would match, as closely as possible, the gates overtop of the Clerk's and Finance counters.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The Bistro is an unsecured area in the building. Anyone can hop over the counter and get into the Bistro. The Bistro is an area where alcohol is often store (unsecured) for city and renter events. Cash handling is done in the Bistro and a point of sale system is in place there. On at least one occasion, a person was found to be sleeping behind the counter on a weekday morning. The project is being requested for the safety of staff and to protect city assets.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not applicable.

PROJECT #19

Project Name	Bistro/Galleria Tables and Benches					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	953
Strategic Plan Category	Cultural Services					
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City					10,000	10,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000

Project Description (Details & Comments)
 The replacement of the 6' tables (22) used for a variety of internal and external events at City Hall. And the replacement of the Galleria benches (6).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The six foot tables are used regularly for city functions as well as by Galleria renters. The benches serve as permanent furniture in the Galleria for daily use by Library users and general visitors to the Civic Centre.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not applicable.

PROJECT #1

Project Name	Facilities Fleet - Replace FC051 - 2008 Ford F250					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund		44,500				44,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 44,500	\$ -	\$ -	\$ -	\$ 44,500

Project Description (Details & Comments)
 Replacement of 2008 Ford F250 with like.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This vehicle has reached the scheduled end of it's life cycle.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #2

Project Name	Facilities Fleet - Replace FC050 - 2009 Ford Econo Van						
Project Type	Capital				Fund	21	
Department	Community Services - Division				Costc	973	
Strategic Plan Category	Facilities						
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below		
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Equipment Replacement Reserve Fund	55,000					55,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000	

Project Description (Details & Comments)
 RS050- Currently a Ford E-Series van used by the facilities staff. The Department would like to have the ability to have a vehicle with four wheel drive, a power tailgate and a high roof enclosed body for the tasks that are performed. The recommended vehicle is a ½ ton pickup truck, power lift gate and canopy.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This vehicle has reached the scheduled end of it's life cycle.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 This vehicle has reached the scheduled end of it's life cycle.

PROJECT #3

Project Name	Facilities Fleet - Replace FC058 - 2007 Ford Econo Van with Ford Transit						
Project Type	Capital				Fund	21	
Department	Community Services - Division				Costc	973	
Strategic Plan Category							
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Equipment Replacement Reserve Fund	42,750					42,750	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 42,750	\$ -	\$ -	\$ -	\$ -	\$ 42,750	

Project Description (Details & Comments)
 Replacement of 2007 Ford Econo Van with Ford Transit as the Econo Van is out of production.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This vehicle has reached the scheduled end of it's life cycle.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 This vehicle has reached the scheduled end of it's life cycle.

PROJECT #4

Project Name	Facilities Fleet - Replace FC056 - 2010 Ford Econo Van with Transit					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				44,250		44,250
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 44,250	\$ -	\$ 44,250

Project Description (Details & Comments)
 Replacement of 2010 Ford Econo Van with Ford Transit as the Econo Van is out of production.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This vehicle has reached the scheduled end of it's life cycle.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #5

Project Name	Recreation Complex - Exterior building mounted and parking lot relamping, 2 year cycle					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category	Facilities					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 200,000			Information System fee Included Below	
Project Management Fee Included Below		\$ 60,000			Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		9,000				9,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000

Project Description (Details & Comments)
 Replace all lamps and 20% of ballasts. Cycle is every two years, so there is an additional project in 2018

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project involves replacing all the lamps in the lights in A1. The lamps in the lights in this type of environment needs to be replaced on a very regular re-lamping schedule. If not replaced regularly lamps will begin to burn out sporadically throughout the year. The cost of replacing lights one at a time is extremely high.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Required to maintain proper lighting levels, saves money to relamp all at once rather than individually.

PROJECT #6

Project Name	HMCC - Replace hydronic loop recirculation pump					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 2,500	Information System fee Included Below			
Project Management Fee Included Below	\$ 1,500	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			14,500			14,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 14,500	\$ -	\$ -	\$ 14,500

Project Description (Details & Comments)
 As recommended by RDH Building Engineering, replacement of hydronic loop recirculating pump and replacment of exhaust and supply fans as required.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Required to maintain temperature control in the building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #7

Project Name	Civic Centre - Drain tile investigation					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category	Facilities					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 2,000	Information System fee Included Below			
Project Management Fee Included Below		\$ 8,000	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		8,000				8,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000

Project Description (Details & Comments)
 RDH Building Engineering recommends we investigate performance of perimeter drainage to identify source of efflorescence and leakage at parkade wall. With the settlement issues around this building there is a risk of damage to the system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Damage to the drain tile could cause damage to the foundation of the building as well as to the grounds and potentially to service connections, which has already happened.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #8

Project Name	Glenayre Centre - Fire Life Safety component replacement					
Project Type	Capital			Fund	21	
Department	Community Services - Division			Costc	973	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 5,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				80,000		80,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ 80,000

Project Description (Details & Comments)

This project involves the scheduled replacement of numerous key components of the fire life safety systems within this building.
 Scope includes: Cyclical replacement of batteries and lamps in DC battery packs; Cyclical replacement of LED exit signs; Replace battery packs for fire alarm control panels; Replace battery packs; Replace fire alarm enunciator panels and control panel, excluding field wiring and field devices; Cyclical replacement of speakers, heat detectors, smoke detectors and related modules, excluding field wiring; Cyclical replacement of fire extinguishers; Sprinkler Piping - Conduct flow test on piping, both exposed and underground; Sprinkler Heads - Test extra high temperature on sprinkler heads; Phased replacement of sprinkler zone control valves, as required; Replace sprinkler heads; Replace sprinkler heads and piping.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #9

Project Name		Fire Hall 2 - Exterior Repairs				
Project Type	Capital	Fund				21
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 5,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				90,000		90,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000

Project Description (Details & Comments)

It is important to understand that with building envelope work there will always be a significant amount of cost uncertainty and unpredictability. Initial estimates are based on observation only. Intrusive testing can be done, but even intrusive testing cannot reveal all possible problems. The true extent of the damage that may exist on a building can only be truly revealed once the existing shell and if necessary additional layers have been removed. To get to that point we have made the commitment to proceed and deal with whatever we find. Once a building has been opened up substantial costs would be incurred to close it back up without repairing anything. Observational estimates maybe as far as 60% or more inaccurate, but intrusive testing may only lower that to 40% plus or minus. The scope of this work is a variety of exterior repairs to the building as recommended by RDH Building Engineers. Several of these items are considered "catch up".

Work includes: Replace damaged substrate and recoat wood fascia at roof level; Replace damaged wood cladding. Review all other wall areas and repair damaged wood siding; Replace all damaged wood cladding. Damaged wood could provide path for water to reach other moisture sensitive wall components; Replace and repaint wood fascia above fitness centre. Review remainder of fascia and repair as required; Recoat wood fascia at roof level; Remove and replace sealant. Verify all other similar location and implement renewal as required; Repair impact damaged corrugated profile metal cladding beside door at base of hose tower. Consider installation of bumper protection, such as bollards; Reapplication of the protective coating as required, including preparation of the concrete block substrate; Replace sealants at interfaces between building enclosure assemblies, and at penetrations through assemblies in accordance with sealant renewals plan ; Replace wood siding along with associated flashing and sealants; Replacement of vent hoods and other accessories that penetrated the cladding at the time of cladding replacement. Added \$25,000 for envelope consultancy fees.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Failure of the exterior shell or envelope can result in water penetration that can cause much greater and harder to repair damage to this essential building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #10

Project Name	Arts Centre - Elevator replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 12,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 4,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		-	75,000	-		75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000

Project Description (Details & Comments)
 This elevator is scheduled for a complete replacement according to RDH Building Engineering. Scope includes: Complete replacement of the elevator cab, fixtures, and hydraulic drive system (piston); Replace elevator controls, tank unit, valve and drive motor; Check and test overload device; Conduct full load performance test.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project was moved to 2016 from 2018 in the 2015 process as it has been breaking down fairly regularly now for a couple of years and is not expected to function for too much longer.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #11

Project Name	Fire Hall 2 - Envelope condition assessment					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category	Facilities					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below		\$ 5,000	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	45,000	-				45,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000

Project Description (Details & Comments)
 An envelope consultant will be retained to conduct a detailed condition assessment of the envelope of this building, including seismic analysis. It is important to ensure this vital emergency services building remains in good condition. Recommended by RDH.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Important to ensure this vital emergency services building remains functional.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #12

Project Name	Fire Hall 2 - Fire alarm system replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				50,000		50,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

Project Description (Details & Comments)
 Replacement required to all major components of building fire alarm system due to end of life cycle. Recommended by RDH

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Vital systems to maintain safety of the building and occupants.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #13

Project Name	Recreation Complex - Interior Painting					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category	Facilities					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$	4,000	Information System fee Included Below		
Project Management Fee Included Below	\$	4,000	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			60,000			60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$	-	\$	-	\$	60,000
						\$
						-
						\$
						60,000

Project Description (Details & Comments)
 Paint interior spaces throughout the Recreation Complex as required.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Important part of general upkeep of this popular facility. It is heavily used by children and rental groups which leads to wear and tear on paint.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Overall high quality appearance is very important to maintaining and increasing users and revenue.

PROJECT #14

Project Name	Facilities - Guard rail inspection, multiple facilities					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 20,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	-	60,000				60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000

Project Description (Details & Comments)
 Retain railing certification company to conduct tests on all rails and balconies on all buildings to ensure they are secured safely. Recommended by RDH. Buildings include HMCC, OMB, OOH, Public Safety building, Recreation building, Rocky Point Service.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Mounts, brackets and other methods of attaching railings can weaken and fail over time. The collapse of one could result in significant injury or death to people.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #15

Project Name		Recreation Complex - Replace tile flooring second floor SRC					
Project Type	Capital	Fund				21	
Department	Community Services - Division	Facilities	Costc				973
Strategic Plan Category							
Project Priority	2. High						
Pre-Approval						Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 35,000	Information System fee Included Below				
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			150,000				150,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Project Description (Details & Comments)

The existing flooring is a VCT tile that has worn very poorly. It looks bad with excessive scraping on it. This material was applied on top of an original tile that is asbestos containing. This job includes a significant abatement componenet to remove the asbestos flooring. It is acceptable to glue a second finish on top of an original asbestos containing tile, but it generally cannot be done a third time. When working on building components containing asbestos consideration should always be given to removing it.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Aesthetic issues and asbestos materials that should be removed.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #16

Project Name	Old Mill Boathouse - Exterior repairs and painting					
Project Type	Capital			Fund	21	
Department	Community Services - Division			Costc	973	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 4,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			-	54,000		54,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 54,000	\$ -	\$ 54,000

Project Description (Details & Comments)

It is important to understand that with building envelope work there will always be a significant amount of cost uncertainty and unpredictability. Initial estimates are based on observation only. Intrusive testing can be done, but even intrusive testing cannot reveal all possible problems. The true extent of the damage that may exist on a building can only be truly revealed once the existing shell and if necessary additional layers have been removed. To get to that point we have made the commitment to proceed and deal with whatever we find. Once a building has been opened up substantial costs would be incurred to close it back up without repairing anything. Observational estimates maybe as far as 60% or more inaccurate, but intrusive testing may only lower that to 40% plus or minus. This project is a variety of tasks related to the exterior of the Old Mill Boathouse. A number of these tasks have been identified by RDH Building Engineering as "catch up". This project also includes an existing funding project from 2017 to paint the exterior of the building that is currently identified at \$15,500.

The Scope of work of this project includes: Reduce the exposure to rain water by providing a metal cap flashing over the projecting section of the beam; Repair leaking gutter along the north elevation; Repaint soffit areas; Remove rust on corroded areas of exterior stairwell. and recoat with corrosion resistant coating; Clean exterior walls; Replace hinges with exterior grade hinges at deck elevator door; Secure flashing to substrate along the deck; Apply sealant at interface locations where it is currently missing and renew sealant at all other locations and at penetrations through assemblies; paint exterior.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Required to sustain the condition of this asset.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #17

Project Name	Westhill Pool - Pool water to sanitary design						
Project Type	Operating				Fund	11	
Department	Community Services - Division				Costc	284	
Strategic Plan Category	Facilities						
Project Priority	2. High						
Pre-Approval					Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	\$ 20,000				Information System fee Included Below	
Project Management Fee Included Below	\$ 15,000				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Facilities Maintenance		50,000	-			50,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	

Project Description (Details & Comments)
 During the pool deck renovation work it was discovered that all pool deck drains that should go to sanitary are going to storm. This project is to complete investigation and design into correcting this.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Current code does not allow for this. The solution however is going to be very expensive so it was not corrected in the past.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #18

Project Name	Facilities - Replace hot water tanks and furnaces - multiple buildings, one of two					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 8,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 5,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			70,000			70,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ 70,000

Project Description (Details & Comments)
 This work is recommended by RDH Building Engineering. It involves replacing multiple hot water tanks and furnaces all of which have reached the end of their life cycle. Includes merging of some existing projects for similar work at OMB. In this project it includes: Replace electric hot water reheat tank in the museum; Replace gas furnace with energy efficient furnace in the museum; Replace domestic hot water heater in the Old Mill Boathouse; Replace the gas furnace with an energy efficient furnace in the Old orchard caretaker building; Replace the domestic hot water heater in Old Orchard Hall; Replace the domestic hot water storage and heating tank in the Public safety building; replace the electric hot water reheat tank in the Social Rec Centre kitchen; replace the furnace in the Artist Studio. Added gas fired DHW heater at Fire Hall 2 in 2016 process and increased budget by \$8K

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To maintain continued operation of this equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #19

Project Name	Facilities - Multiple buildings, electrical system scan, service and repairs					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 50,000				Information System fee Included Below
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		350,000				350,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000

Project Description (Details & Comments)
 This project is for all City owned buildings. It replaces projects, some of which had previously existed to do this work on individual buildings. As this service has not been done on most buildings and is required on all buildings it was chosen to create a single project that can be tendered as one job for all buildings. Work includes infra red scan of all electrical kiosks, transformers and panels. An allowance to complete minor repairs that are identified has been provided. This should be done roughly every five years and is recommended by RDH.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Failure of electrical components can be a fire hazard. This testing helps ensure all components of the system are operating in a safe and effective manner.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #20

Project Name	Old Orchard Hall Caretaker Residence - Complete refurbishment						
Project Type	Capital				Fund	21	
Department	Community Services - Division				Costc	973	
Strategic Plan Category	Facilities						
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 100,000	Information System fee Included Below				
Project Management Fee Included Below		\$ 50,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Facilities Maintenance	350,000					350,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000	

Project Description (Details & Comments)
 It is important to understand that with building envelope work there will always be a significant amount of cost uncertainty and unpredictability. Initial estimates are based on observation only. Intrusive testing can be done, but even intrusive testing cannot reveal all possible problems. The true extent of the damage that may exist on a building can only be truly revealed once the existing shell and if necessary additional layers have been removed. To get to that point we have made the commitment to proceed and deal with whatever we find. Once a building has been opened up substantial costs would be incurred to close it back up without repairing anything. Observational estimates maybe as far as 60% or more inaccurate, but intrusive testing may only lower that to 40% plus or minus. This residence is occupied by a park caretaker. It is a heritage building. It has not had any substantial work done to it in many years and has become quite run down. The residence became vacant in mid 2015. This home requires extensive work before it can be occupied again. There is a design project in 2015 that will recommend pricing and options to complete the work. the scope of this work will focus more on shorter term to make the home habitable.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This house is in a state of advanced deterioration. Consideration must be given to it's heritage value and the related desire to retain the asset as such.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 The home is currently vacant. We would like the home to become occupied as quickly as possible. Therefore having approval to proceed with the work prior to May will increase the likelihood of getting some work done in the summer of 2017.

PROJECT #21

Project Name	Facilities - HVAC controls replacement											
Project Type	Operating				Fund	11						
Department	Community Services - Division				Costc	284						
Strategic Plan Category												
Project Priority	2. High											
Pre-Approval	Events (i.e Grand Opening)											
Contingency Included Below	Asset ID	\$	30,000	Information System fee Included Below								
Project Management Fee Included Below	\$	15,000	Communications Fee Included Below									
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)											
Information System resource required?												
Communications/Civic Engagements resource required?												
Funding Sources:	2017	2018	2019	2020	2021	Total						
Asset Reserve - Facilities Maintenance				80,000		80,000						
						-						
						-						
						-						
						-						
						-						
						-						
						-						
						-						
Total Costs	\$	-	\$	-	\$	-	\$	80,000	\$	-	\$	80,000

Project Description (Details & Comments)
 This project is recommended by RDH Building Engineering to ensure continued operation of HVAC controls in buildings. It calls for the replacement of controls in multiple facilities. Facilities included are: Artist Studio, Carpenters Shop, Civic Centre, Glenayre Centre, Inlet Park Building, and the Kyle Centre. Based on prices to switch the Civic Centre alone, this budget was increased dramatically from \$12,000 to \$80,000. You could not switch much of anything for \$12K

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To ensure continued effective operation of HVAC systems.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #22

Project Name	Facilities - Replace hot water tanks and furnaces - multiple buildings, two of two					
Project Type	Capital			Fund	21	
Department	Community Services - Division			Costc	973	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 2,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					79,000	79,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 79,000	\$ 79,000

Project Description (Details & Comments)

This work is recommended by RDH Building Engineering. It involves replacing multiple hot water tanks and furnaces all of which have reached the end of their life cycle. Includes merging of previously identified replacements in Arts Centre, Carpenters shop and Kyle.

In this project it includes: Replace the gas fired domestic hot water heaters in the North shore field house; Replace the domestic hot water heater in the Inlet park change rooms; Replace the domestic hot water heater in Kyle; Replace the gas furnace with an energy efficient furnace in the Old Mill Boathouse; Replace the domestic hot water heater in the Rocky Point Service Building; replace gas fired hot water heater in Westhill rec centre; hot water tank in Arts Centre; replace the hot water tank in the Carpenters Shop. Added domestic hot water heater Glenayre Centre for \$8,000 in 2016 process. Added DHW tank at HMCC for \$8,000 in 2016 process.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

To maintain continued operation of this equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #23

Project Name	Recreation Complex - Installation of public address sound system for the entire complex					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 10,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	80,000					80,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000

Project Description (Details & Comments)

The scope of this project is to work with various components of the existing sound systems in the building and then to install a variety of new components and pieces. The desired end result is a paging or communications system that reaches all areas of the entire complex. The existing set up is such that there are multiple systems that reach only limited areas and all independently.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

At 90,000 square feet, this is an extremely large building and at peak times there are hundreds if not more than one thousand people in the building spread out. In the event of an emergency, it is currently not possible to communicate to all patrons in the building at once. In many areas of the building, it currently requires staff to attend to them to communicate. This is challenging and time consuming and increases risk substantially to both staff and public

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #24

Project Name	Recreation Complex - Hot water storage tank replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 2,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				87,000		87,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 87,000	\$ -	\$ 87,000

Project Description (Details & Comments)
 Replacement of hot water storage tanks in the arena area. Multiple tanks have had to be repaired, or have failed already. Recommended by RDH Building Engineering.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Failure of these tanks would be very disruptive to service. They are heavily used.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #25

Project Name	Westhill Centre - Roof Replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 25,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 30,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				155,000		155,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ 155,000

Project Description (Details & Comments)

The roof on this building has been assessed by JRS Engineering and RDH Building Engineering and determined to be past its functional life and now requires replacement. The scope will include replacing the skylights. It is important to understand that with building envelope work there will always be a significant amount of cost uncertainty and unpredictability. Initial estimates are based on observation only. Intrusive testing can be done, but even intrusive testing cannot reveal all possible problems. The true extent of the damage that may exist on a building can only be truly revealed once the existing shell and if necessary additional layers have been removed. To get to that point we have make the commitment to proceed and deal with whatever we find. Once a building has been opened up substantial costs would be incurred to close it back up without repairing anything. Observational estimates maybe as far as 60% or more inaccurate, but intrusive testing may only lower that to 40% plus or minus.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

To sustain the functional life of this building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #26

Project Name	Old Orchard Hall - Exterior repairs					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 75,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 25,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			500,000			500,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

Project Description (Details & Comments)

It is important to understand that with building envelope work there will always be a significant amount of cost uncertainty and unpredictability. Initial estimates are based on observation only. Intrusive testing can be done, but even intrusive testing cannot reveal all possible problems. The true extent of the damage that may exist on a building can only be truly revealed once the existing shell and if necessary additional layers have been removed. To get to that point we have made the commitment to proceed and deal with whatever we find. Once a building has been opened up substantial costs would be incurred to close it back up without repairing anything. Observational estimates maybe as far as 60% or more inaccurate, but intrusive testing may only lower that to 40% plus or minus. This work involves a range of exterior work to the Old Orchard Hall building as recommend by RDH Building Engineering. Some of these are considered "catch up", therefore this work should be completed in the next couple of years. Scope of work includes: Replace damaged wood beams of balcony on south side of building; Replace damaged siding on north elevation; Remove rust and treat anchor with corrosion resistant coating; Pressure wash underside of balcony to remove staining and add wood coating to further protect wood; Remove rust and repaint guardrails with corrosion resistant coating; Replace damaged fascia board on maintenance shed; Perform full condition assessment of all enclosure systems; Replace sealants at interfaces between building enclosure assemblies, and at penetrations through assemblies in accordance with sealant renewals plan; Repaint wood siding and associated wood trim. Additional scope added during 2015 budget process includes: Replace damaged gutters and rainwater leaders; Replace exterior guardrails; Replace aluminum frame lobby doors; Replace deteriorated wood decking and framing as required. Consider replacement of additional framing and decking to retain uniform appearance and establish consistent age; Replace exterior guardrails; Reconstruct portion of gravel walkways or overlay with hard paving; Re-point mortar joints in masonry wall. Exterior repainting added and separate project with that scope was deleted.

Added \$30,000 to budget for envelope consultant. Increased budget in 2016 process.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Prolongs the life of the building and avoids damage that could be caused from failure.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #27

Project Name	Fire Hall 2 - HVAC replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 4,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				50,000		50,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

Project Description (Details & Comments)
 Replacement of roof top unit that will have reached the end of its life cycle by this time. Project also includes replacement of exhaust and supply fans.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 End of life cycle

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #28

Project Name	Old Orchard Hall - Exhaust fan replacement					
Project Type	Operating			Fund	11	
Department	Community Services - Division			Costc	284	
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	\$	3,000	Information System fee Included Below		
Project Management Fee Included Below		\$	2,000	Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				-	16,000	16,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$	-	\$	-	\$	-
						16,000
						\$
						16,000

Project Description (Details & Comments)
 As recommended by RDH Building Engineering, replacement of exhaust and supply fans as required.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To maintain operation of HVAC systems and avoid emergency unplanned shutdowns.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #29

Project Name	Carpenters Shop - Construction - Safety Systems, Dust and Electrical					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	200,000					200,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Project Description (Details & Comments)
 Construction phase - Replace existing dust extraction on tools with new, including additional venting and add a paint ventilation space as well as ventilation to paint storage.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Health and Safety requirement. Some of this equipment is in place, but is antiquated and not functioning well. Replace with new more complete equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #30

Project Name	Recreation Complex - Parking lot expansion					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 5,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Off Road Parking Fund	85,000					85,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 85,000

Project Description (Details & Comments)

There is a strip of land in the centre of the Recreation Complex that was not developed into parking lot originally due to the presence of a very large tree. That tree was removed in 2012 and this land has been left as dirt and grass since that time. This project is to convert that land into 18 additional parking spots. Increase budget in 2017 for inflation.

Closed FC March 7/2017

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

On most evenings and weekends when the Recreation Complex and Civic Centre are busy there is frequently a shortage of parking spots available.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

As approved at Regular Council Meeting March 14, 2017

PROJECT #31

Project Name	Civic Center - Carpet Replacement: Theatre/Green Rm/Brovold Rm					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category	Facilities					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 15,000			Information System fee Included Below	
Project Management Fee Included Below		\$ 3,000			Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		75,000	-			75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

Project Description (Details & Comments)
 Operational Necessity: Replacement of carpet for safety and aesthetic reasons. Increased budget in 2016 process to provide better allowance for impact on furniture etc. that will need to be moved.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 These are high profile locations for visitors to the Civic Centre.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #32

Project Name	Civic Center - Carpet Replacement: 2nd floor					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category	Facilities					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below		\$ 3,000	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		85,000	-			85,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 85,000	\$ -	\$ -	\$ -	\$ 85,000

Project Description (Details & Comments)
 Operational Necessity: Replacement of carpet for safety and aesthetic reasons. Increased budget in 2016 process to provide better allowance for impact on furniture etc. that will need to be moved.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Carpet is past its expected life cycle.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #33

Project Name	Civic Centre - Carpet Replacement, first floor					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category	Facilities					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below		\$ 3,000	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		85,000	-			85,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 85,000	\$ -	\$ -	\$ -	\$ 85,000

Project Description (Details & Comments)
 Replace carpet on the first floor office spaces of the Civic Centre. Increased budget in 2016 process to provide better allowance for impact on furniture etc. that will need to be moved.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 End of functional life of the existing carpet due to natural wear and tear.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #34

Project Name	Glenayre Centre - Install alarm system					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 4,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 100	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	-	21,000				21,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 21,000	\$ -	\$ -	\$ -	\$ 21,000

Project Description (Details & Comments)
 There is currently no alarm system in this building putting the safety and security of the building at risk. This building is fairly hidden in the park and has been subjected to vandalism repeatedly over the years.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Protection of this building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #35

Project Name	Recreation Complex - Wellness Room Floor Replacement					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category	Facilities					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$	15,000	Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			90,000			90,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000

Project Description (Details & Comments)

Operational Necessity: Floor has met its life cycle replacement period. NEW ASSET. Budget increased to allow for abatement of asbestos glue used to hold down existing flooring. The existing floor is damaged, uneven and lifting in some spots, so abatement is recommended. Budget increased further in 2016 process for abatement

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Existing floor has gaps and patches in different colours. It looks very poor. Also tile is lifting in some areas potentially exposing asbestos glues.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #36

Project Name	Civic Centre - Washroom upgrades					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 25,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			-	100,000		100,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Project Description (Details & Comments)
 Life cycle replacement of all interior components of washrooms in the Civic Centre. Recommended by RDH. Includes replacment of all toilets and urinals, dividers, wall tile, sinks and fixtures. Building will be 25 years old by this point and this will be required to maintain quality and aesthetics.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 End of life appearance wise for washrooms.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #37

Project Name Civic Centre - Replacement of sumps and sump controls						
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category	Facilities					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 15,000			Information System fee Included Below	
Project Management Fee Included Below		\$ 15,000			Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			60,000	-		60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

Project Description (Details & Comments)
 End of life cycle of these assets. Recommended by RDH. Includes replacement of all sump pumps, cleaning of lines and drains and new controllers.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Unplanned failure of these assets could cause damage to property.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #38

Project Name	HMCC - Interior painting					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 5,000				Information System fee Included Below
Project Management Fee Included Below		\$ 4,000				Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	-	25,000				25,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000

Project Description (Details & Comments)
 Life cycle requirement to maintain appearance of the building. Will cover drywall in more resilient finish such as FRB.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To maintain appearances of facilities.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #39

Project Name	Facilities - Camera scope of main drain lines clean out of lines					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 25,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				50,000		50,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

Project Description (Details & Comments)
 Conduct camera inspections of drain lines on multiple buildings. Complete clean out of main lines using auger. Recommendation by RDH.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Ensures all drainage systems in buildings continue to function properly and don't clog which can result in emergency repairs and potentially damage to the building

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #40

Project Name	Old Orchard Hall - Air conditioning Design						
Project Type	Operating				Fund	11	
Department	Community Services - Division				Costc	284	
Strategic Plan Category	Facilities						
Project Priority	3. Medium						
Pre-Approval					Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	\$ 5,000				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Facilities Maintenance		15,000	-			15,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	

Project Description (Details & Comments)
 This popular building currently does not have air conditioning. It makes the building incredibly hot during the summer, including the busy wedding rental season. This project would be to design the system. A subsequent project exists to install it.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Increase user comfort and increase bookings.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #41

Project Name	Facilities - Parking lot line repainting, 2					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 5,000	Information System fee Included Below			
Project Management Fee Included Below	Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			22,000			22,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 22,000	\$ -	\$ -	\$ 22,000

Project Description (Details & Comments)
 Parking lot lines have a very short life span and must be repainted regularly. Loss of the lines results in parking problems and angry customers.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Life cycle requirement

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #42

Project Name	Recreation Complex - Replace steam generator					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 2,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 1,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		10,000				10,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000

Project Description (Details & Comments)
 As recommended by RDH Building Engineering, this unit will have reached the end of its life cycle.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #43

Project Name	Facilities - Lighting Retrofit					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 30,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	80,850					80,850
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 80,850	\$ -	\$ -	\$ -	\$ -	\$ 80,850

Project Description (Details & Comments)
 The Facilities division had AES Electrical Engineering do a review of many of the lights in and around City buildings. In that report that advised the City as to the specific lights that would provide the best payback to the City to convert to LED lights. The scope of this project is to change all the lights that they indicated would have a payback of six years or less.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Changing these lights will result in lower energy consumption

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Reduce electrical energy consumption

PROJECT #44

Project Name	Glenayre Centre - Roof and exterior repairs					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 5,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 10,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				46,000		46,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 46,000	\$ -	\$ 46,000

Project Description (Details & Comments)
 This work is recommended by RDH Building Engineering as "catch up" to prevent further damage to the roof and related assemblies.
 The scope includes minor repairs to the roof and related building components.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This work needs to be done to prevent further damage to the building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #45

Project Name	Westhill Centre - Washroom rebuild					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 7,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 3,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	-	40,000				40,000
						-
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 The existing washrooms, both inside and particularly outside are very old and in rough shape. Fixture are old and use excessive amounts of water continuously.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 There is no washroom being built as part of the Westhill Lacrosse box expansion, so this will become the washroom for users of that facility, which will result in a large increase in usage. Increased cost is due to increased usage.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #46

Project Name		Glenayre Centre - Drain tile rebuild					
Project Type	Capital	Fund				21	
Department	Community Services - Division	Facilities	Costc				973
Strategic Plan Category							
Project Priority	3. Medium						
Pre-Approval						Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 17,000	Information System fee Included Below				
Project Management Fee Included Below		\$ 8,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)						
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Facilities Maintenance			75,000			75,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000	

Project Description (Details & Comments)
 Repair and replace as required the drain tile at the Glenayre Centre. This is a very rough cost estimate and subject to substantial risk that cannot be eliminated.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 In 2012 there was a failure in this line that caused extensive damage to the basement of the building. There is substantial groundwater in this site that must be managed to prevent further damage to the building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #47

Project Name	Fire Hall 2 - Site work					
Project Type	Operating			Fund	11	
Department	Community Services - Division			Costc	284	
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	\$ 4,000		Information System fee Included Below		
Project Management Fee Included Below		\$ 2,000		Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				25,000		25,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000

Project Description (Details & Comments)

This work involves a number of repairs to the general site of the Fire Hall 2 as identified by RDH Building Engineering.

The Scope Includes: Prepare concrete substrate and recoat entire concrete floor; Identify and plug all holes at crawl space to prevent mice access; Repair delaminated concrete stairs and fill areas with exposed repair to mitigate further corrosion and spalling; replace concrete patio near kitchen entrance including wood divider boards; Monitor for further deterioration and repair cracked asphalt at entrance to apparatus bay; Monitor extent of damage to curb and repair as required; Replace sections of concrete paving, as required; Repaint metal guardrail as required; Re-coat painted wall surface including preparation of substrate.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Site work required to maintain this high priority asset.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #48

Project Name	Facilities - Replacement of water treatment equipment					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 2,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 1,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					10,000	10,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000

Project Description (Details & Comments)
 As recommended by RDH Building Engineering, this equipment should be replaced on a scheduled basis. This is a pot feeder for chemicals (such as biocide, scale, corrosion and oxygen inhibitor, glycol), metering pumps and other associated equipment to provide corrosion protection to boilers, loops and piping.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Failure of this equipment could cause substantial damage to other equipment such as boilers and pipes that would be considerably more expensive to repair.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #49

Project Name	Public Safety Building - Interior painting					
Project Type	Operating				Fund	11
Department Community Services - Division	Facilities				Costc	284
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$	20,000	Information System fee Included Below		
Project Management Fee Included Below	\$	8,000	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					117,000	117,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$	-	\$	-	\$	-
					117,000	\$ 117,000

Project Description (Details & Comments)
 Cyclical requirement to repaint. This would be 10 years after original open. Recommended by RDH Building Engineering.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Interior paint in busy facilities such as this one is required regularly to maintain appearance of the building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #50

Project Name		Old Fire Hall - Exterior repairs and roof replacement				
Project Type	Capital	Fund				21
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 25,000	Information System fee Included Below			
Project Management Fee Included Below		\$ 20,000	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				175,000	-	175,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ 175,000

Project Description (Details & Comments)

It is important to understand that with building envelope work there will always be a significant amount of cost uncertainty and unpredictability. Initial estimates are based on observation only. Intrusive testing can be done, but even intrusive testing cannot reveal all possible problems. The true extent of the damage that may exist on a building can only be truly revealed once the existing shell and if necessary additional layers have been removed. To get to that point we have made the commitment to proceed and deal with whatever we find. Once a building has been opened up substantial costs would be incurred to close it back up without repairing anything. Observational estimates maybe as far as 60% or more inaccurate, but intrusive testing may only lower that to 40% plus or minus. While this building is a low priority, it does has some heritage value and should be sustained. A number of items were recommended as "catch up" by RDH Building Engineering, but they have been grouped with other less urgent projects into a single project for overall repairs to this building.

Scope of work includes: Review concrete foundation wall to ensure no future settlement will occur and repair crack; Re-point, remove and repair damaged masonry units at chimney; Replace deteriorated wood fascia board at north end of building; Remove and replace chimney cleanout door; Reattach all loose boards; Remove and replace deteriorated boards of wood siding; Repaint wood siding at delaminated areas; Replace missing vents on soffit on south side of building and ensure all wood panels are properly secured; Inspect adequacy of corroded furnace shell at rear room of the building; Replace sections of clay masonry veneer cladding along with associated flashing and sealants as required. [Extent of renewal may vary based on site condition]; Fill in abandoned window opening and apply siding; Repaint wood siding and associated wood trim; Repaint wood soffit as required; Replace wood soffit and associated components; Replace roof system with an SBS membrane complete with new flashings; Replace flashing on main flat roof of building; Remove moss from sloped roof and replace asphalt shingles; Reconnect rain water leader at low-sloped roof for proper rain water management; Remove debris from gutters; Properly shingle step flashing under the siding for proper interface detailing, which will mitigate potential water damage/staining; Replace corroded cap flashing on chimney; Replace downspout on northeast side of building; Reconnect disconnected drainage pipe to downspout system at south east corner of the building. Added scanning of electrical system during 2016 process. Increased price to \$110,000 to allow for consultants.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

This building does have some heritage value. It hs not been maintained well for many years and requires a number of repairs. The roof in particular is overdue for replacment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #51

Project Name	Civic Centre - Interior painting					
Project Type	Operating			Fund	11	
Department	Community Services - Division			Costc	284	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 3,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					50,000	50,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000

Project Description (Details & Comments)
 Life cycle requirement to maintain appearance of interior of building

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 As the City Hall for Port Moody maintaining an aesthetic standard is important.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #52

Project Name	Recreation Complex - Replace hydronic water treatment unit					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 2,500	Information System fee Included Below			
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					12,500	12,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 12,500	\$ 12,500

Project Description (Details & Comments)
 End of life cycle of this unit will be 2016. Recommended by RDH.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 End of life cycle. Very difficult to replace on an emergency basis.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #53

Project Name		Recreation Complex - Replace exhaust fan and amonia sensor in Zamboni room					
Project Type	Capital	Fund				21	
Department	Community Services - Division	Facilities	Costc	973			
Strategic Plan Category							
Project Priority	3. Medium						
Pre-Approval						Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below				
Project Management Fee Included Below		\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance						40,000	40,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000

Project Description (Details & Comments)
 Replace exhaust fan and amonia sensor equipment that work in conjunction in the zamboni room. End of life cycle. Recommended by RDH.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Very important safety equipment to maintain space safe from Amonia gas. Crucial safety equipment for public and staff.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #54

Project Name	NSFH - Heating System overhaul					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$	1,500	Information System fee Included Below		
Project Management Fee Included Below		\$	1,000	Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					5,000	5,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$	-	\$	-	\$	-
					5,000	\$
						5,000

Project Description (Details & Comments)
 Overhaul of the heating system at the NSFH to ensure continued effective operation

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Good preventative maintenance work to ensure continued smooth operation and avoid costly emergency maintenance and possible service disruptions.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #55

Project Name	Arts Centre - Flooring replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 12,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 6,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					68,000	68,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 68,000	\$ 68,000

Project Description (Details & Comments)
 Scheduled replacement of flooring finishes as recommended by RDH Building Engineering. There was an existing project identified to replace flooring allocated in 2017 for \$15,000. That project has been cancelled and merged into this one. Scope includes: replacement of the resilient flooring in the craft rooms and the carpet on the main floor, showrooms and offices. Increased project management fees in 2015 process.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To maintain functional and aesthetic operation of this busy facility and heritage building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #56

Project Name	Facilities - Envelope condition assessments, multiple buildings					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 20,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 1,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	-			-	100,000	100,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

Project Description (Details & Comments)
 As recommended by RDH Building Engineering, perform full envelope condition assessments, including intrusive testing where appropriate. RDH recommends Heritage woods field house, The Museum, Inlet park field house, Rocky Point pool building and the Artist Studio. Increased contingency in 2015 budget process. Adjustments made in 2017 budget: Dropped Museum, it is not our building; added Public Safety building and based on experience with Elemental on the Rec Complex and Civic Centre, increased the budget from \$45K including contingency to \$100K including \$20K contingency.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To ensure and concerns or issues are caught prior to causing problems and repair plans can be built and budgeted for.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #57

Project Name	Old Mill Boathouse - Elevator replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 6,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 2,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					33,000	33,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 33,000	\$ 33,000

Project Description (Details & Comments)
 As recommended by RDH Building Engineering, replace elevator cab, fixtures, and hydraulic drive system (piston).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 End of life cycle of this equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #58

Project Name		Civic Centre - Internal Exhaust fan replacement					
Project Type	Capital	Fund				21	
Department	Community Services - Division	Costc				973	
Strategic Plan Category							
Project Priority	2. High						
Pre-Approval	Events (i.e Grand Opening)						
Contingency Included Below	Asset ID	\$ 7,000	Information System fee Included Below				
Project Management Fee Included Below		\$ 4,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				-		30,000	30,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000

Project Description (Details & Comments)
 RDH recommended life cycle replacement of exhaust and supply fans throughout the Civic Centre. Increased PM fees and contingency in 2015 process

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Failures can impact operation and cause air quality and temperature problems while emergence repairs are completed.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #59

Project Name	Glenayre Centre - Replace resilient flooring					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 7,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 2,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					40,000	40,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000

Project Description (Details & Comments)
 As recommended by RDH Building Engineering, this flooring has reached the end of its functional life span.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To maintain the functional and aesthetic operation of this community centre.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #60

Project Name	Old Mill Boathouse - Floor Refurbishing					
Project Type	Operating			Fund	11	
Department	Community Services - Division			Costc	284	
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 3,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 2,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				20,000	-	20,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000

Project Description (Details & Comments)
 Operational Necessity: Resurfacing and resealing to prevent deterioration and maintain aesthetic appearance.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #61

Project Name	Glenayre Centre - Parking lot repairs and repaving					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category	Facilities					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$	15,000	Information System fee Included Below		
Project Management Fee Included Below		\$	10,000	Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				60,000		60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000

Project Description (Details & Comments)
 Improve layout of parking lot and re-paving.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 There are sections of the existing parking lot that are very sloped, including where the accessible parking spots are. This makes it very difficult for persons requiring a wheelchair to exit their vehicle. The land is flat, so it will likely require some retaining walls and stairs to allow the spots to become flat. The existing asphalt is also in poor condition already, so it will certainly be past end of life by 2019.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #62

Project Name	Rocky Point Pool - Building drain tile replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 30,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 10,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				100,000		100,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Project Description (Details & Comments)

The scope of this project is to repair the drain tile around the Rocky Point Pool building. During the construction of the Rocky Point Ice Cream Shop it was discovered that the drain tile around the pool building is non functional. Scope includes excavation and installation of new drain tile tied into roof drains. Will involve replacement of damaged concrete and pool decking. It is important to note this project will be subject to a high degree of cost risk due to the potential challenges that may exist and cannot be predicted until the work is underway.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The existing drain tile doesn't function. This can lead to damage to the building and surrounding grounds.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #63

Project Name	Arts Centre - Fire Life Safety component replacement					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 5,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					80,000	80,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000

Project Description (Details & Comments)
 This project involves the scheduled replacement of numerous key components of the fire life safety systems within this building.
 Scope includes: Cyclical replacement of batteries and lamps in DC battery packs; Cyclical replacement of LED exit signs; Replace battery packs for fire alarm control panels; Replace battery packs; Replace fire alarm enunciator panels and control panel, excluding field wiring and field devices; Cyclical replacement of speakers, heat detectors, smoke detectors and related modules, excluding field wiring; Cyclical replacement of fire extinguishers; Sprinkler Piping - Conduct flow test on piping, both exposed and underground; Sprinkler Heads - Test extra high temperature on sprinkler heads; Phased replacement of sprinkler zone control valves, as required; Replace sprinkler heads; Replace sprinkler heads and piping.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This equipment is vital for the safety of building occupants and also to protect this heritage building in the event of a fire.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #64

Project Name		Recreation Complex - Replace SRC Skylight					
Project Type	Capital	Fund				21	
Department	Community Services - Division	Facilities	Costc	973			
Strategic Plan Category							
Project Priority	3. Medium						
Pre-Approval	Events (i.e Grand Opening)						
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below				
Project Management Fee Included Below		\$ 5,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance						90,000	90,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000

Project Description (Details & Comments)

This skylight is part of the original construction of the Social Rec Centre. It has been assessed by RDH Building Engineering as being well past its life expectancy. There have been leaks in multiple locations of these lights. The glass is damaged and cracked in multiple locations and the UV protective layer is also very damaged. Added \$10,000 to budget for consultant for design. Increased budget in 2016 process.

It is important to understand that with building envelope work there will always be a significant amount of cost uncertainty and unpredictability. Initial estimates are based on observation only. Intrusive testing can be done, but even intrusive testing cannot reveal all possible problems. The true extent of the damage that may exist on a building can only be truly revealed once the existing shell and if necessary additional layers have been removed. To get to that point we have made the commitment to proceed and deal with whatever we find. Once a building has been opened up substantial costs would be incurred to close it back up without repairing anything. Observational estimates maybe as far as 60% or more inaccurate, but intrusive testing may only lower that to 40% plus or minus.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Risk of increased damage from water leaks to other components of the building. Damage to walls inside from UV rays.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #65

Project Name	Public Safety Building - Replacement of assorted mechanical equipment					
Project Type	Operating				Fund	11
Department Community Services - Division	Facilities				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 5,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 3,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance				-	28,000	28,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ 28,000

Project Description (Details & Comments)
 This project is recommended by RDH Building Engineering to ensure continued operation of HVAC controls in this building. This equipment will be at the end of its life cycle by this point. Work includes: Replace condensate pumps; Cyclical replacement of sensors and other field devices, as required; Cyclical replacement of electronic actuator controls, as required.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #66

Project Name	Civic Centre - Replace security gate, second floor					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 5,000	Information System fee Included Below			
Project Management Fee Included Below	Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		20,000				20,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000

Project Description (Details & Comments)
 Replacement of retractable security gate located in front of Permits and License counter, second floor, Civic Centre

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 End of life cycle replacement.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #67

Project Name	Old Mill Boathouse - Install air conditioner					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	\$ 5,000	Information System fee Included Below			
Project Management Fee Included Below			Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	25,000					25,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Project Description (Details & Comments)
 Scope is to provide air conditioning to the second floor space. It involves attaching a cooling condenser to the existing boiler.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The society has been requesting this for many years. The upstairs space is extremely hot in good weather.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Pre-approval required to have system installed in time for 2017 summer.

PROJECT #68

Project Name	Facilities - Apply non-slip coating to outdoor pool changeroom floors					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below			
Project Management Fee Included Below	Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance		-	60,000	-		60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

Project Description (Details & Comments)
 Install proper non-slip coating to outdoor pool changeroom floors.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The current practice has been to put down a new coating each year, but we have been using lower end products that barely last the season. The intent of this project is to properly prep the surfaces and install a high grade material like MMA that will last many years. It will cost more initially but will save on re-doing the floors every year.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #69

Project Name	Recreation Complex - Arena 1, bleacher refinishing					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	284
Strategic Plan Category						
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 15,000	Information System fee Included Below			
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					75,000	75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000

Project Description (Details & Comments)
 Strip and completely prep concrete and then re-coat with a long lasting finish like MMA. In addition the wooden benches should be replaced with a long life composite material.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Past practice is to strip only loose paint and then repaint each year. The paint cannot withstand the traffic and looks terrible by half way through the year. Replacing the benches with a strong composite material would have result in a much longer life cycle. There will be higher one time costs, but it will cut down on an annual cost, and look much better.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #70

Project Name	Recreation Complex - Curling Lounge walkway railing repairs						
Project Type	Operating				Fund	11	
Department	Community Services - Division				Costc	284	
Strategic Plan Category	Facilities						
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 5,000	Information System fee Included Below				
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Facilities Maintenance	15,000	-			-	15,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000	

Project Description (Details & Comments)
 Repair to the mounting system for the rails on the 'cat walk' walk way that joins the elevator area to the uring lounge area.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The railing on the 'catwalk' walkway that connects the elevator to the curling lounge became insecure. It had to be secured with lumber on a temporary basis. This work will be done in accordance with some drawings some by a structural engineering design.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 The temporary system installed is secure, but this should be repaired properly sooner rather than later.

PROJECT #71

Project Name	Facilities - Outdoor pool vacuums (2)						
Project Type	Operating				Fund	11	
Department	Community Services - Division				Costc	284	
Strategic Plan Category							
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Equipment - City	6,000					6,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000	

Project Description (Details & Comments)
 Purchase of two replacement vacuum pumps for outdoor pools.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Existing pumps do not operate as per health department requirements. They have directed us to purchase new ones prior to 2017 season.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 To have the vacuums in service by operating season we require early approval. Operating season starts May 1.

PROJECT #72

Project Name	Rocky Point Pool - Conversion of disinfection system to liquid chlorine					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	\$ 5,000	Information System fee Included Below			
Project Management Fee Included Below			Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	40,000	-				40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 This pool currently uses a gas chlorine system to disinfect the water. This project is to convert the system to a liquid chlorine system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Liquid chlorine is a much safer form of chlorine than gas, both for the staff and public. Chlorine gas requires much greater training and emergency procedures.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 To complete the work in time for the 2017 operating season will require starting the work before mid May. Operating season starts mid June.

PROJECT #73

Project Name	Civic Centre - Replacement of Meeting Room Chairs					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category	Facilities					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID \$ 5,000	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance			30,000	-		30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)
 Replacement of all chairs in common meeting rooms in the Civic Centre

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The existing chairs are original and past their life span.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #74

Project Name	Public Safety Building - Exterior Repairs					
Project Type	Capital				Fund	21
Department	Community Services - Division				Costc	973
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 25,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					115,000	115,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 115,000	\$ 115,000

Project Description (Details & Comments)
 Review exterior finishes and complete minor repairs as required. This assortment of work was identified as required by RDH as maintenance to be expected due to the age of the building. Components to be reviewed include: soffits; metal panels; masonry veneer wall; sheet metal panels; uncoated concrete wall surfaces; sealants, gaskets and weather stripping; and storefront sections. These types of projects are very difficult to project exact costs until the work is underway. This budget is an estimate with significant plus/minus potential at this time.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Life cycle requirement to maintain the important exterior of this high profile and important building. Failure of envelope can result in water penetration and related damage leading to much more costly and often emergency type repairs.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #75

Project Name	Recreation Complex - Arena Zamboni Door-Motor & Gear Replacement						
Project Type	Operating				Fund	11	
Department	Community Services - Division				Costc	284	
Strategic Plan Category	Facilities						
Project Priority	2. High						
Pre-Approval					Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	\$ 2,000				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Facilities Maintenance	-	15,000				15,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	

Project Description (Details & Comments)
 Replacement of motors and gears on zamboni bay doors.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Life cycle replacement to avoid failure during operations which would create significant challenge.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #76

Project Name	Facilities - Auto scrubber					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 3,000	Information System fee Included Below			
Project Management Fee Included Below	Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve				20,000		20,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000

Project Description (Details & Comments)
 Purchase of additional floor machine for BSW's in Facilities division.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The Recreation Complex has thousands of square feet to clean daily. To maintain the cleanliness of floors in a facility this large is a labour intensive time consuming job. This equipment will: Save time, and allow time to be reallocated to other tasks; Prevent injuries by providing ergonomic seating rather than the risk from repetitive strain pushing other machines; Provide high quality cleanliness on a number of types of surfaces throughout the facility; Free up Programming spaces faster during high turnover times.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #77

Project Name	Public Safety Building - Carpet replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 25,000	Information System fee Included Below			
Project Management Fee Included Below	\$ 20,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance					153,000	153,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 153,000	\$ 153,000

Project Description (Details & Comments)
 Replacement of carpet throughout the building

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Life cycle requirement to maintain safe and quality flooring.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #78

Project Name		Facilities Fleet - New Ford 150				
Project Type	Capital	Fund				21
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	11,080 for insurance, maintenance, fuel, replace	Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve	40,000					40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 Purchase of new F150 with power lift gate for Facilities Division.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The facilities division requires an additional vehicle to provide services to the City buildings. Through improvements made to our services over the past few years it has resulted in the need for staff to be on the road more and not so heavily based out of the Rec Complex as they once were. This is due to restructuring, additional staff, improved service, legislated compliance and customer service.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Replacement vehicles are always put in as early approval to get it dealt with and get them in service earlier in the year. Even with this being a new vehicle there would be savings to deal with it at the same time as other replacement vehicles. Also, the operational need already exists so the quicker this vehicle is in service the better.

PROJECT #79

Project Name	Facilities Fleet - replace RS054, 05 Zamboni, X24113					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	200,000					200,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Project Description (Details & Comments)
 Replacement of propane 2005 Propane Zamboni.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Recommended life span of this type of vehicle is 10 years. It will be 12 at this point.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

PROJECT #80

Project Name	Facilities Fleet - replace RS059, 07 Zamboni, X24115					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	973			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			198,000			198,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 198,000	\$ -	\$ -	\$ 198,000

Project Description (Details & Comments)
 Replacement of propane 2007 Propane Zamboni.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Recommended life span of this type of vehicle is 10 years. It will be 12 at this point.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #81

Project Name	Facilities Fleet - replace RS057, 05 Starlite Trailer 53660B						
Project Type	Capital				Fund	21	
Department	Community Services - Division				Costc	973	
Strategic Plan Category							
Project Priority	3. Medium						
Pre-Approval	No					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Equipment Replacement Reserve Fund				11,000		11,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ -	\$ -	\$ -	\$ 11,000	\$ -	\$ 11,000	

Project Description (Details & Comments)
 Replacement of trailer used for ESS.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 End of life span of this important trailer.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #82

Project Name		Facilities Fleet - replace RS099, Small equipment, Ice Edger				
Project Type	Capital	Fund				21
Department	Community Services - Division	Costc				973
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund		6,500				6,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 6,500	\$ -	\$ -	\$ -	\$ 6,500

Project Description (Details & Comments)
 Replace an ice edger.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This equipment is used extensively throughout the ice in period and is essential to maintain quality ice for the community.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #83

Project Name		Public Safety Building - Evidence Room Air Handling Improvements					
Project Type	Capital	Fund				21	
Department	Community Services - Division	Facilities	Costc	973			
Strategic Plan Category							
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	\$ 350,000	Information System fee Included Below				
Project Management Fee Included Below		\$ 50,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated		350,000					350,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000

Project Description (Details & Comments)

This problem was only recently brought to Facilities Division attention. As of October 2016 an investigation is underway to determine the scope of work required. At this point the scope is very poorly developed, but initial investigation suggest this has the potential to become quite extensive. Therefore this budget figure could be proven very inaccurate in either direction. This is a Health and Safety requirement though so doing the work will be required once the scope has been determined.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Health and Safety requirement for employees and public.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

This is a Health and Safety requirement though so doing the work will be required once the scope has been determined. As of October 2016 an investigation is underway to determine the scope of work required. At this point the scope is very poorly developed, but initial investigation suggest this has the potential to become quite extensive. Once scope is determined a budget will be finalized.

PROJECT #84

Project Name	Public Safety Building - BECA and Mechanical Re-Commissioning					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Facilities	Costc	973		
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$ 20,000	Information System fee Included Below			
Project Management Fee Included Below	\$ -	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	100,000	-				100,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Project Description (Details & Comments)

Envelope consultants will be retained to complete a detailed building condition assessment to ensure the building envelope systems are functioning correctly. In addition Mechanical Engineers will be retained to do a re-commissioning of the mechanical systems within the building. This is done to ensure all systems are functioning correctly.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Both of these assessments are important on this building given its essential service nature and to ensure the City does not discover down the road that there are on-going problems that are actively damaging the building. There have been some incidents that have already occurred on this relatively new building that are concerning enough to justify having these assessments done.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #85

Project Name	Carpenters Shop - Installation of Safety Systems, Dust and Electrical						
Project Type	Capital				Fund	21	
Department	Community Services - Division				Costc	973	
Strategic Plan Category	Facilities						
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 10,000	Information System fee Included Below				
Project Management Fee Included Below	\$ -	Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)						
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Facilities Maintenance	60,000					60,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000	

Project Description (Details & Comments)
 Planning/Design Phase - Replace existing dust extraction equipment on tools with new, including additional venting and add a paint ventilation space as well as ventilation to paint storage.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Health and Safety requirement. Some of this equipment is in place, but is antiquated and not functioning well. Replace with new more complete equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Health and Safety deficiency that needs to be addressed.

PROJECT #86

Project Name		Facilities - Photovoltaic Solar Panels Study				
Project Type	Operating	Fund				11
Department	Community Services - Division	Facilities	Costc	284		
Strategic Plan Category	Preserving the Environment					
Project Priority	1. Council					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Carbon Offsets Community Reserve	28,000					28,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ 28,000

Project Description (Details & Comments)
 To conduct a cost-benefit analysis for installing solar panels on Port Moody City Hall and the Recreation Complex.

 FC Feb 21/2017

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To confirm viability of solar energy production.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 This project meets the Council strategic objective of preserving the environment.

Pre-Approval Justification

PROJECT #87

Project Name		Recreation Complex - Hardscape and Landscape Renovation				
Project Type	Operating	Fund				11
Department	Community Services - Division	Facilities	Costc	284		
Strategic Plan Category	Parks & Recreation					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Facilities Maintenance	24,000					24,000
Asset Reserve - Parks	6,000					6,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)
 Renovation of the landscape bed located at the east entrance of the Recreation Complex and adjacent to the playground. Installation of a new interlock retaining wall including drain rock, irrigation provisions and skateboard deterrents. Installation of an interactive children's garden including new shade trees, shrubs, perennials, a willow-whip play tunnel, ornamental and native vegetation and memorial benches.

FC March 28/2017

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The landscape bed has been in place since 1975, it is unsafe and unsightly.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Preserving the environment.

Pre-Approval Justification
 As approved at RC March 28, 2017.

PROJECT #1

Project Name	Recreation Complex Spinning Bike Replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	954			
Strategic Plan Category	Recreation					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	40,000					40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 Existing spinning bikes will be coming to the end of their lifespan after 4 years and 26 bikes will need to be replaced.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Considered not replacing the spinning bikes. Not replacing them will result in fewer spinning classes or fewer spinning bikes available and decreased revenue. Replacing the spin bikes aligns with the Excellence is Service Delivery goal in the strategic plan.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 None.

PROJECT #2

Project Name	Replacement of Selectorized Weight Equipment					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	954			
Strategic Plan Category	Recreation					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	105,000					105,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000

Project Description (Details & Comments)
 The existing weight room equipment will come to the end of its lifespan in 2016 (after 8 years).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Not replacing this equipment will result in the existing equipment needing more maintenance and possibly becoming dangerous to operate. Not replacing the equipment could also affect the weight room revenue. This project aligns with the Excellence in Service Delivery strategic goal.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 none.

Pre-Approval Justification
 This project was partly funded in the 2016 budget. This is the remainder of the funding needed to replace the selectorized equipment. The equipment hit the end of its suggested life cycle in 2016, so it needs to be replaced as quickly as possible.

PROJECT #3

Project Name		Replacement of Cardio Equipment in Recreation Complex Weight room				
Project Type	Capital				Fund	21
Department	Community Services - Division	Recreation			Costc	954
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City				210,000		210,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 210,000	\$ -	\$ 210,000

Project Description (Details & Comments)
 The existing Cardio Equipment will come to the end of it's lifespan in 2020.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Not replacing this equipment will result in the existing equipment needing more maintenance and possibly becoming dangerous to operate. Not replacing the equipment could also affect the weight room revenue. This project aligns with the Parks and Recreation section of the strategic plan under the outcome of "improved quality and utilization of parks, recreation and open gathering spaces".

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not replacing this equipment will result in the existing equipment needing more maintenance. Not replacing this equipment may effect revenue and increase maintenance costs.

PROJECT #4

Project Name	ESS Capital budget					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	954			
Strategic Plan Category	Recreation					
Project Priority	Service Excellence					
Pre-Approval	2. High					
Contingency Included Below	Asset ID	Events (i.e Grand Opening)				
Project Management Fee Included Below	\$ -	Information System fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ 8,000	Communications Fee Included Below				
Information System resource required?	No	Asset Replacement Provision (Project Total Divided by Useful Life)				
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	8,000					8,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000

Project Description (Details & Comments)
 A review of the ESS trailer and our ESS response plan showed a need for a new equipment for the ESS trailer. The needed equipment includes a generator, solar panel, lights, electric heater, two tents, three tables, eight chairs, extension cords, flood lights, sandwich boards (signage), a radio and cell phone chargers.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 It is important that the ESS have the equipment needed to respond to an emergency. This initiative aligns with the Strategic Plan priority of Service Excellence.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #5

Project Name	Seniors Gathering Space Operation Funds					
Project Type	Operating				Fund	11
Department	Community Services - Division				Costc	294
Strategic Plan Category	Parks & Recreation					
Project Priority	1. Council					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$	35,930			Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Accumulated Surplus	35,930					35,930
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 35,930	\$ -	\$ -	\$ -	\$ -	\$ 35,930

Project Description (Details & Comments)
 At the July 26, 2016 Council Meeting, \$35,930 in operating costs were approved for the first year of the Seniors Gathering Space from Accumulated Surplus. Council also moved that "the ongoing annual costs be included in the Community Services budget for subsequent years." The addition to the Community Services budget needs to be approved as a new operating budget.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project has already been approved by Council and meets the Strategic Plan priorities of Parks and Recreation - Improved quality and utilization of parks, recreation and open gathering spaces.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 This project will require an annual cost of \$35,930 to \$38,892.

PROJECT #6

Project Name	Youth Strategy					
Project Type	Operating				Fund	11
Department Community Services - Division	Recreation				Costc	294
Strategic Plan Category	Parks & Recreation					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ 5,000				Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve	5,000					5,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000

Project Description (Details & Comments)

In 2017, the cities of Port Moody, Port Coquitlam and Coquitlam are looking at partnering to conduct a Youth Strategy for the Tri-Cities. This would allow the cities to save money on conducting the strategy, but it would also allow community groups, health and the school district to participate in one Youth Strategy. If Port Moody were to conduct a Youth Strategy on our own, it is unlikely that some community groups would participate. In addition, with many Port Moody youth attending middle school and high school at schools located in Anmore or Coquitlam, partnering with neighbouring communities helps provide more complete information. The Youth Strategy will allow youth and other residents to voice their opinion on recreation services for youth, provide clear direction and goals for the youth services in Port Moody and allow for greater coordination of services between the City of Port Moody and other youth serving organizations.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

This project will provide youth services in Port Moody a clearer direction. The cost for Port Moody to conduct a Youth Strategy on its own would be much higher than if we can partner with Coquitlam and Port Coquitlam. This project aligns with the Strategic Plan of Parks and Recreation - Improved quality and utilization of parks, recreation and open gathering spaces.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

There will be a one time cost of \$5,000. There is a cost savings by partnering with Coquitlam and Port Coquitlam on this project.

Pre-Approval Justification

Coquitlam and Port Coquitlam are looking at starting this project early in 2017. Port Moody would need to know if they have funding approval in order to participate with Coquitlam and Port Coquitlam.

PROJECT #7

Project Name	CLASS Replacement - Implementation costs					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Recreation	Costc	954		
Strategic Plan Category	Parks & Recreation					
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services				
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City	70,000					70,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

Project Description (Details & Comments)

In late 2016, a prespective supplier for the new registration system was selected. The quote for the new system was higher than what was budgeted for in 2014. Additional funds are required to pay for the implementation of the new registration system. The total cost for the new system is \$139,000 plus extra costs for customization. \$84,000 was allocated for implementation in the 2015 and 2016 budgets, which means that \$70,000 is needed in 2017.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

A registration system is needed to allow people to sign up for programs, book rooms and pay for drop-ins. These changes are necessary as CLASS is being discontinued. The vendor, Active Networks, has declared an "end of life" date of November 2017, after which the CLASS product will not be supported. The City of Port Moody participated in an RFP process with 22 other municipalities to select a new registration system. The implementation of the new system will occur in 2017. This project aligns with the Parks and Recreation and the Service Excellence priorities in the Strategic Plan.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

This is a one time fee. There will be annual costs, but they are covered in the operating budgets of Recreation and Information Services.

PROJECT #8

Project Name	Recreation Complex Spin Bike Replacement					
Project Type	Capital	Fund	21			
Department	Community Services - Division	Costc	954			
Strategic Plan Category	Parks & Recreation					
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City					40,000	40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000

Project Description (Details & Comments)
 The spin bikes that will be purchased in 2017 will be coming to the end of their life span after 4 years, in 2021. 26 spin bikes will need to be replaced.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Not replacing the spin bikes will result in fewer spinning classes or fewer spinning bikes available and a reduction in revenue. Replacing the spin bikes align with the strategic plan goal of improved quality and utilization of parks, recreation and open gathering spaces.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Not replacing the spin bikes could result in reduced revenue and increased maintenance costs.

PROJECT #1

Project Name	eApply for Permits						
Project Type	Capital				Fund	21	
Department Development Services - Division	Building, Bylaw & Licensing				Costc	974	
Strategic Plan Category	Service Excellence						
Project Priority	3. Medium						
Pre-Approval	No					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID					Information System fee Included Below	\$ 3,000
Project Management Fee Included Below						Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services					
Communications/Civic Engagements resource required?	No						
Funding Sources:	2017	2018	2019	2020	2021	Total	
Council Strategic Priorities Reserve		156,750				156,750	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ -	\$ 156,750	\$ -	\$ -	\$ -	\$ 156,750	

Project Description (Details & Comments)
 eApply allows for custoimers to apply for permits on-line through myPortMoody.ca portal. Drawings and documents can be uploaded through the website and Building Officials and Planners are then able to review the drawings and reply back to applicant with comment and further requirements. This will streamline the process for customers and staff and will ensure our records are accurate filed correctly. This will also eliminate paper which assists the City in reducing its carbon footprint. Cost breakdown in Document #380369

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The Mobile Dashboard is nessessary to maintain the level of service the City provides. With increasing numbers of calls for service, complaints and permits this is a tool that will make our team much more efficient in the field and freeing up time of clerical staff in the office on the phone with our Bylaw Officers and Building Officials. The eApply is a move forward in the industry. This is the way municipalities will be going over the next few years. Managment feels that this should be implemented with care and over a few years to work all the out before moving into large project building permit acceptance/review. Management views that starting with plumbing and hyronic heating pemrit then moving into demolition permits and then small building permits before acceptign large projects for Building and Development Permit application.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The Mobile Dashboard and eApply will greatly reduce the use of paper with Building and Development Permit applications, and Bylaw call for service and complaints.

Implementation of this progaming would be best suited for the "slower winter season". Budget approval in May 2017 is a very busy time in Building and Bylaws.

PROJECT #2

Project Name	Microfiche Scanning					
Project Type	Operating				Fund	11
Department Development Services - Division	Building, Bylaw & Licensing				Costc	634
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated	6,500					6,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 6,500	\$ -	\$ -	\$ -	\$ -	\$ 6,500

Project Description (Details & Comments)
 Development Services records prior to 2004 were saved on microfiche. The City's microfiche reader is reaching the end of its life and unfortunately can not be replaced or repaired. Microfiche is no longer used for record keeping, documents are now scanned and saved digitally. To date, only approximately 85% of the fiche has been scanned from a 2016 Capital Project of \$24,000. This 2017 Capital Project will provide for the remainder of the fiche to be scanned.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Fiche will be unusable. Fiche records are the City's only records from the 1950s to 2005 for all building and development permit information.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Pre approval is requested because at this time Micro Com has all of the departments micro fiche but has stopped scanning because the original budget allocated has been depleted. It would be extremely beneficial to have Micro Com continue with this project instead of waiting until May 2017.

PROJECT #1

Project Name		Tempest Development Application Tracking Updates				
Project Type	Capital	Fund				21
Department Development Services - Division	Planning	Costc				964
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Development Process Reserve	17,000					17,000
						-
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 17,000	\$ -	\$ -	\$ -	\$ -	\$ 17,000

Project Description (Details & Comments)

This project does not involve any new Tempest software. It involves using the capabilities in our existing Tempest system to their full potential. At present, for Development Applications, Tempest use is limited to generating application fees and entering basic application details. The Tempest software allows for much more in depth tracking of tasks and notifications for application review by all City departments involved in the application review process. Capacity also exists to track securities taken as part of development and attaching dates for notification of follow up inspections/reviews. In essence, all tasks related to a development application could be tracked in Tempest which would allow all users to know the status of an application, reducing the need to search through paper files and RPM or contact the application manager. Eventually information tracked in Tempest could be made available to applicants who have the ability to look up the status of their application on demand without needing to contact staff. Simplified versions of application information could also be linked to an on-line map that would allow the public to view applications in process. Funding for this work could be from the existing Development Process Reserve as it relates directly to the processing of development applications.

The costs are for additional staff resources to do the background work in Tempest to set up the processes. It is estimated to take approx. 420 hours to complete. This could be completed in-house with existing staff or completed as part of a new Tempest Support position which could cover other Tempest needs city-wide.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #1

Project Name	Above-Ground Infrastructure - Planning/Asset Management					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Engineering				Costc	304
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 36,000				Information System fee Included Below
Project Management Fee Included Below		\$ 15,000				Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation	75,000	75,000	75,000	75,000	75,000	375,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 375,000

Project Description (Details & Comments)
 This project will provide funding to complete technical assessment/evaluations relating to above-ground infrastructure improvements (including emergency works).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project is intended to provide funding for unanticipated works relating to general above-ground engineering infrastructure (not including water or sanitary/storm infrastructure). This will provide the necessary resources to proactively respond to immediate infrastructure needs that could not have been reasonably anticipated at the outset of the current capital year.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Requirements to provide assessment to failed infrastructure and respond to issues on emergency basis may occur at any time of the year. Funding should be available to ensure work can be performed in a timely manner.

PROJECT #2

Project Name							Bridge Maintenance - Scoping, Assessment & Repairs											
Project Type							Operating							Fund		11		
Department Engineering & Operations - Division							Engineering							Costc		304		
Strategic Plan Category							Service Excellence											
Project Priority							2. High											
Pre-Approval														Events (i.e Grand Opening)				
Contingency Included Below							Asset ID							Information System fee Included Below				
Project Management Fee Included Below							\$ 10,000							Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)														Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?																		
Communications/Civic Engagements resource required?																		
Funding Sources:							2017		2018		2019		2020		2021		Total	
Asset Reserve - Transportation							50,000		50,000		50,000		50,000		50,000		250,000	
Total Costs							\$ 50,000		\$ 50,000		\$ 50,000		\$ 50,000		\$ 50,000		\$ 250,000	

Project Description (Details & Comments)
 Associated Engineering inspected the City's bridges in 2013 and prepared a detailed break-down of all work required for 2014 - 2019 based on their inspections. Major projects remaining are: David Ave at Noons Creek

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 These bridges were inspected by Associated Engineering in 2013 and the proposed work is recommended. The goal of the bridge maintenance program is to maintain City assets and to ensure public safety.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #3

Project Name	Bridge Upgrades - Barnet Hwy Overpass					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Engineering	Costc	956			
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation	277,000					277,000
Grants	277,000					277,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 554,000	\$ -	\$ -	\$ -	\$ -	\$ 554,000

Project Description (Details & Comments)
 This project will replace the existing deteriorated bridge deck on the westbound Barnet Highway CP Rail Overpass between Dewdney Trunk and Ioco Road, and widen the roadway to improve pedestrian and cycling facilities. Project timelines have been impacted by construction of the Evergreen Line.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Objective: To maintain bridges and improve pedestrian and cycling connectivity. Benefit: The bridge upgrades will improve public safety, livability and cycling infrastructure.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Completed project will allow for multi-modal (peds/cyclists) uses that will reduce carbon footprint.

Pre-Approval Justification
 Early approval will allow for timely tendering of work (better contract pricing and more lead time for scheduling works).

PROJECT #4

Project Name	Clarke Road Rehabilitation - Charles St to Barnet Hwy					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Engineering				Costc	956
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
MRN Pavement Rehab Reserve	250,000					250,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Project Description (Details & Comments)
 Rehabilitation of the intersection of Charles St and Clarke Rd plus repaving. Delayed related to the completion of the EGL. (Dec 2016) Scope to include upgrade of the signal and intersection to meet a permanent suitable condition. Deficiencies identified with the EGL work to be incorporated into the design. Council report and discussion approval etc required to agree to permanent configuration change. Original layout pre-EGL did not have signal for left out at Charles St. Intent is now to keep this traffic light. Down hill bend on Clarke Rd may be widened with negotiated development and possible land exchanged with the considered closure of little St George St.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Final component of Clarke Road repaving project. Completed in phases due to EGL line construction and pending development plans.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Planning, preparation and design work must proceed before May 2017 for timely contract implementation in summer months.

PROJECT #5

Project Name	Contributed Assets Handover from EGRT					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Engineering				Costc	304
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated	65,000					65,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000

Project Description (Details & Comments)

If we "take ownership" of contributed assets from EGRT, they must be processed (entered into record drawings, updated in CAD and costed in finance's TCA spreadsheet) in the same fiscal year. This must include the disposal of assets. This may require a significant amount of time until it is complete. If the assets are transferred over this fall it will be very inconvenient and it should be considered in our planning. Best case, assets are transferred early 2017, and the budget submittal should include an additional GIS resource to help process the TCAs as well as any physical data provided by the Province.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

Planning and implementation for the project work will be ongoing throughout 2017. Delaying until May 2017 may increase the risk to completion of the work in 2017 and in coordination with TCA requirements.

PROJECT #6

Project Name		CP Rail Crossings - Project Implementation				
Project Type	Operating	Fund				11
Department Engineering & Operations - Division	Engineering	Costc				304
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval			Events (i.e Grand Opening)			
Contingency Included Below	Asset ID		Information System fee Included Below			
Project Management Fee Included Below			Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation		50,000	50,000	50,000		150,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 150,000

Project Description (Details & Comments)
 Review and rollout of work to meet compliance with 2014 regulation changes. This work will impact many of our existing road corridors (Murray Street and Alderside Road for instance) as well as our existing pedestrian and cycling networks.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Recent changes to regulatory requirements for rail corridor crossings require the City to evaluate the condition of ALL existing rail crossings (pedestrian and vehicular). All crossings will require upgrades to meet current standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #7

Project Name	LRN Road Reconstruction					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Engineering				Costc	956
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation	350,000		350,000	350,000	350,000	1,400,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 350,000	\$ -	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,400,000

Project Description (Details & Comments)

This budget is for the annual road reconstruction work, primarily targetting local roads only. (MRN has own budget) A road assessment was completed by EBA in the 4th quarter of 2013 which provides a detailed road reconstruction plan. The proposed work for 2017 - 2021 is shown, in detail, in Appendix C of the report. However - the prioritising of the plans for paving each year is now being considered with coordinated utility upgrades and related development applications that bring contributed value for road upgrades.

Some of the roads scheduled for reconstruction in the next few years may include Cecile Drive, Mount Royal Drive and Mount Royal Place, Seaview Drive, Fernway Drive, Forest Park Way, Glenayre Drive, Ailsa Ave, and Angela Drive.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Roads are the most valuable asset the city owns and evidence clearly shows that, just like your car, if you don't maintain them properly, then it will become more expensive to repair later.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

Pre-approval requested to accommodate the tendering of work which should be undertaken in early Spring to ensure ample time allocated to completing the roadworks projects within the year.

PROJECT #8

Project Name		MRN Road Rehabilitation Program				
Project Type	Capital	Fund				21
Department Engineering & Operations - Division	Engineering	Costc				956
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
MRN Pavement Rehab Reserve	400,000	700,000	600,000	650,000		2,350,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 400,000	\$ 700,000	\$ 600,000	\$ 650,000	\$ -	\$ 2,350,000

Project Description (Details & Comments)
 This budget is for annual road reconstruction work on the Major Road Network (MRN). A road assessment was completed by EBA in the 4th quarter of 2013 which provides a detailed road reconstruction plan. Work for 2017 will include St. Johns Street.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Roads are one of the most valuable asset the city owns. TransLink provides funding for road rehabilitation on the MRN Network; regular pro-active maintenance (rehabilitation) is necessary to avoid extensive renewal costs in the future.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #9

Project Name	Newport Drive /Ungless Way Crosswalk Enhancements					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Engineering	Costc	956			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation	75,000					75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000

Project Description (Details & Comments)
 Newport Drive cross walks - 1 new and 2 upgrade to permanent . Includes design and construction.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Objective: To improve public safety and livability and to address frequent complaints from resident and business owners.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #10

Project Name	Road Surface Temperature Sensors					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Engineering				Costc	304
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation	58,000					58,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 58,000	\$ -	\$ -	\$ -	\$ -	\$ 58,000

Project Description (Details & Comments)
 Project involves installation of an embedded pavement sensor to measure road temperature in real time. This surface temperature information is critical for proper deployment of ant-icing and de-icing chemicals.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Winter maintenance operations use chemicals on roadways to combat freezing of water and snow on the road surface. Knowing the condition of the pavement, especially the amount of chemical already applied, is an important measurement for making decisions for chemical applications. A passive, embeded pavement sensor is used to measure road temperature in real time. This surface temperature information is critical for proper deployment of ant-icing and de-icing chemicals. Pavement temerature sensors can also create an alert of existing hazerdous conditions and can help to determine when and where to apply road treatment chemicals.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #11

Project Name	St. Johns Street Rehabilitation (loco to Dewdney)					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Engineering				Costc	956
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
MRN Pavement Rehab Reserve	200,000					200,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Project Description (Details & Comments)
 THE EBA pavement rehab report from 2013 identifies resurfacing work on St John St , east of Moody St to Coquitlam as a next phase priority. This work is not planned in full as various developments are expected to contribute funding / dollars and would create construction impacts to the road in the next 2-3 years. Additionally the MTP pending approval will provide guidance to new road configuration and layout. This allocated \$200k budget is set to provide funding for urgent or necessary repairs and improvement that are deemed essential in 2017. Further work is required to determine exact priorities. Future years for MRN rehab require much larger budgets, so some consideration is given to defer work targetting increasing the MRN rehab reserve funding accounts.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Pre-approval requested to accommodate the tendering of work which should be undertaken in early Spring to ensure ample time allocated to complete paving at the most productive / cost efficient time of year.

PROJECT #12

Project Name		Street Name Sign Replacement Program				
Project Type	Capital	Fund				21
Department Engineering & Operations - Division	Engineering	Costc				956
Strategic Plan Category	Service Excellence					
Project Priority	1. Council					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 3,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
MRN General Rehab Reserve	30,000	30,000	30,000	30,000	30,000	150,000
Asset Reserve - Transportation	25,000	25,000	25,000	25,000	25,000	125,000
						-
						-
						-
						-
						-
						-
Total Costs	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000

Project Description (Details & Comments)
 Continue with post top street name signs replacement program. Replace overhead street name signs.

 Council Resolution 12/312 put forth at Regular Council meeting October 9, 2012

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Objective: To improve safety and wayfind abilities of motorists.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #13

Project Name	Streetlighting Replacement Program					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Engineering	Costc	956			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 3,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
MRN General Rehab Reserve	25,000	25,000	25,000	25,000	25,000	125,000
Asset Reserve - Transportation	35,000	35,000	35,000	35,000	35,000	175,000
						-
						-
						-
						-
						-
						-
Total Costs	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000

Project Description (Details & Comments)
 Operational necessity: Street light replacement program; replacement of aging or damaged street light poles, control cabinets, pole bases, pole painting and security measures.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Objective: Replacement of aging infrastructure.
 Priority: High; aging or damaged poles poses a safety hazard to the community.
 Benefits: Improved community safety
 Consequences of not proceeding: potential safety risks which could place the City at risk.
Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 New streetlight infrastructure (LED) will reduce carbon footprint (less consumption/greater efficiency).

PROJECT #14

Project Name	Traffic Safety Initiatives					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Engineering				Costc	304
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 5,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation	50,000	50,000	50,000	50,000		200,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000

Project Description (Details & Comments)

This is provisional funding for safety recommendation arising from Fire, Police, EHS, staff and the public. Some of the work scheduled for 2015 includes:

- Pedestrian Crosswalk Warrants: Glenayre at Glencoe and Murray St.
- School Safety Improvements: Mountain Meadows Elementary Signage, Pleasantside Elementary guard rail upgrades, Moody Elementary
- Speed Reader Board
- Road Safety Improvements: loco and Bedwell Bay signage upgrades, Post mounted median flashers and signage upgrades

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The justification for this project is accessibility, public safety and livability.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

Early approval as work takes place throughout year.

PROJECT #15

Project Name		Traffic Signal Infrastructure - Maintenance and Replacement					
Project Type		Capital			Fund	21	
Department Engineering & Operations - Division		Engineering			Costc	956	
Strategic Plan Category		Service Excellence					
Project Priority		0. Pre-Approved					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID			Information System fee Included Below		
Project Management Fee Included Below		\$ 15,000			Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation		50,000	50,000	50,000	50,000		200,000
MRN General Rehab Reserve		125,000	200,000	100,000	100,000		525,000
							-
							-
							-
							-
							-
							-
Total Costs		\$ 175,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ -	\$ 725,000

Project Description (Details & Comments)
 The report from GNEC, dated August 2014, outlines a comprehensive program to maintain and replace traffic signal infrastructure. Based on condition assessments, the required work includes replacement of cabinets, poles, new ramps, traffic detection looks, etc.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Traffic control and signal infrastructure is aging and reaching useful service life. Technology advances render much of our system obsolete and difficult to replace. This program is intended to update and progressively replace our traffic control system throughout the city.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Pre-approval is required to maintain continuity of work from 2016 to 2017 and support existing contracts.

PROJECT #16

Project Name		Transit Infrastructure - Bus Stop Improvements					
Project Type		Capital			Fund	21	
Department Engineering & Operations - Division		Engineering			Costc	956	
Strategic Plan Category		Moving People					
Project Priority		0. Pre-Approved					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID			Information System fee Included Below		
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation		25,000	25,000	25,000	25,000		100,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 100,000

Project Description (Details & Comments)
 Pursuant to a Council report, the purpose of this project is to make all bus stops accessible within a 5 year period.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The justification for this project is accessibility, public safety and livability.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Advance works in response to Evergreen Line.

PROJECT #17

Project Name	MTP Planning and Design					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Engineering	Costc	956			
Strategic Plan Category	Moving People					
Project Priority	1. Council					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated	150,000					150,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Project Description (Details & Comments)

Planning and design for the projects identified in the Transport Moody Master Transportaion Plan.

RC March 14, 2017, FC April 4, 2017

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

To provide funding for the initial phase (planning and design) of the Master Transportation Plan.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Support a shift towards a sustainable transportation system that prioritizes walking, cycling, transit and emerging vehicle technologies.

Pre-Approval Justification

PROJECT #1

Project Name	Benchmarking					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Operations				Costc	394
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve		5,000	5,000	5,000		15,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ 15,000

Project Description (Details & Comments)
 Scope: The development and implementation of an inhouse benchmarking program to support transparent governance initiatives by reporting out key performance indicators. This project will aid responsible managers and supervisors in making better operational decisions while also identifying areas for operational efficiency improvements.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Objective: Identification of processes and performance metrics that can be used to compare against previous year's performances or best management practices exercised in the Public Works arena.
 Priority: High; will aid responsible managers in identifying operational efficiencies.
 Benefits: Promotes transparent governance initiatives, operational efficiencies and deficiency identification.
 Consequences of not proceeding: Less efficient work place and processes, no comparison data for City program improvement

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #2

Project Name	Public Works Day					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Operations				Costc	394
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	2,500	2,500	2,500	2,500	2,500	12,500
Sanitation Utility Reserve	2,500	2,500	2,500	2,500	2,500	12,500
Sewer Capital Reserve	2,500	2,500	2,500	2,500	2,500	12,500
						-
						-
						-
						-
						-
						-
Total Costs	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 37,500

Project Description (Details & Comments)
 Scope: community outreach, public education, communications, advertising, and staff participation.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Objective: Community engagement and promotion of Public works in the community.
 Priority: High; directly related to the communications Pillar in the strategic plan
 Benefits: Raising the public's awareness of public works issues and to increase confidence in public works employees who are dedicated to improving the quality of life for present and future generations.
 Consequences of not Proceeding: Minimal community engagement at the student level which will have a direct effect on how the public understands what Public works employees do for their community.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The Public Works Week event meets or advances the following Sustainability Plan Principles:
 -Ensure an inclusive, accessible attractive, livable and healthy community with excellent quality of life for all citizens.

PROJECT #3

Project Name	Replace OP031 - 2002 Ingersol Roller					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			35,000			35,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000

Project Description (Details & Comments)
 Operational necessity. Life cycle replacement of 16 years. Estimated trade in value \$2,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

PROJECT #4

Project Name	Replace OP010 - 2000 Ford F250 PU					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	100,000					100,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 17 year old vehicle. Trade in value \$2,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #5

Project Name	Replace OP011 - 2007 Ford Econo 3/4 Ton Van					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	60,000					60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Project Description (Details & Comments)

OP011- Currently a Ford E-series van used by Utilities department and for the past couple years now the Public Works Responder after hours. With the change in use for this vehicle the van that we currently have does not meet the needs for the tasks having to be performed. The Department would like to have a four wheel drive 1 ton pickup with the carrying capacity to have a full fiberglass work capsule installed. A 1 ton pickup and Space capsule would be suitable for this vehicle.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

Pre-Approval Justification

This vehicle has reached the scheduled end of it's life cycle.

PROJECT #6

Project Name	Replace OP013 - 1997 Holland Tractor					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	110,000					110,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ 110,000

Project Description (Details & Comments)
 Life cycle replacement of 20 year old tractor, trade in value \$10,000

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

Pre-Approval Justification

PROJECT #7

Project Name	Replace OP013(a) - Flail Mower Attachment					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	65,000					65,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000

Project Description (Details & Comments)
 Life cycle replacement of 11 year old flail mower attachment.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

Pre-Approval Justification
 Pre-Approval Round 2: Required with purchase of new tractor.

PROJECT #8

Project Name		Replace OP014 - 2005 Freight Dump				
Project Type	Capital	Fund				21
Department Engineering & Operations - Division	Operations	Costc				958
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	180,000					180,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 12 year old vehicle. Trade in value \$10,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #9

Project Name	Replace OP014A - 2005 Everest Plow					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			15,000			15,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ 15,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 14 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #10

Project Name	Replace OP014B - 2005 Underbody Articulating Plow					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	30,000					30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 12 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #11

Project Name	Replace OP014C - 2005 Swendson Sander					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Operations				Costc	958
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	16,000					16,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ 16,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 12 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #12

Project Name	Replace OP015 - 2010 International Dump Truck					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Operations				Costc	958
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				190,000		190,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 190,000	\$ -	\$ 190,000

Project Description (Details & Comments)

Operational Necessity: Life cycle replacement of 10 year old vehicle. Estimated trade in value \$5,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain. The life cycle of OP015 is impacted by its use as part of the overall snow and ice control program.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

PROJECT #13

Project Name	Replace OP015B - 2010 Henderson Plow					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				16,000		16,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 16,000	\$ -	\$ 16,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 10 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #14

Project Name	Replace OP015C - 2010 Underbody Articulating Plow					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				32,250		32,250
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 32,250	\$ -	\$ 32,250

Project Description (Details & Comments)
 Operational necessity: life cycle replacement for 10 year old equipment. Trade in value \$1000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow the Green Vehicle Purchasing Policy.

PROJECT #15

Project Name	Replace OP015D - 2010 Henderson Sander					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				17,250		17,250
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 17,250	\$ -	\$ 17,250

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 10 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #16

Project Name	Replace OP016 - 2005 Ford Ranger					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Operations				Costc	958
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	40,000					40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 12 year old vehicle. Trade in value \$2,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #17

Project Name	Replace OP018A - 2008 Caterpillar Loader					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Operations				Costc	958
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	175,000					175,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000

Project Description (Details & Comments)
 Operational necessity : life cycle replacement of 9 year old vehicle. Trade in value \$10,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #18

Project Name	Replace OP022B - 2011 Winter Plow					
Project Type	Capital			Fund	21	
Department Engineering & Operations - Division	Operations			Costc	958	
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				9,500		9,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 9,500	\$ -	\$ 9,500

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 9 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #19

Project Name	Replace OP022C - 2006 Swendson Sander					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund		13,000				13,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 12 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow the Green Vehicle Purchasing Policy.

PROJECT #20

Project Name	Replace OP023A - 2011 Ford Dump					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Operations				Costc	958
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					99,250	99,250
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 99,250	\$ 99,250

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 10 year old vehicle. Trade in value \$7500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy.

PROJECT #21

Project Name	Replace OP023B - 2011 Swendson Sander					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				13,000		13,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 13,000	\$ -	\$ 13,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 9 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #22

Project Name	Replace OP023C - 2011 Swendson Plow					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				9,500		9,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 9,500	\$ -	\$ 9,500

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 9 year old equipment. Trade in value \$250.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #23

Project Name	Replace OP024 - 2006 Bobcat Loader					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				100,000		100,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement for a 14 year old vehicle. Trade in value \$5,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy.

PROJECT #24

Project Name	Replace OP028 - 2005 Elgin Sweeper					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Operations				Costc	958
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	315,000					315,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 315,000	\$ -	\$ -	\$ -	\$ -	\$ 315,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 12 year old vehicle. Trade in value \$10,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #25

Project Name	Replace OP029A - 2012 Case Loader					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				162,500		162,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 162,500	\$ -	\$ 162,500

Project Description (Details & Comments)
 Operational necessity: Life cycle replacement of 8 year old vehicle. Estimated trade in value \$15,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

PROJECT #26

Project Name	Replace OP030 - 2008 Ford Escape Hybrid					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			45,500			45,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 45,500	\$ -	\$ -	\$ 45,500

Project Description (Details & Comments)
 Operational necessity. Life cycle replacement of 10 year old vehicle. Estimated trade in value \$5,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel effecient models.

PROJECT #27

Project Name		Replace OP045 - 2009 Mack Garbage Truck				
Project Type	Capital	Fund				21
Department Engineering & Operations - Division	Operations	Costc				958
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	415,000					415,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 415,000	\$ -	\$ -	\$ -	\$ -	\$ 415,000

Project Description (Details & Comments)
 Life cycle replacement of 7 year old vehicle. Assessed the vehicle and add +1yr. Estimated trade in value \$10,000

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 55

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

Pre-Approval Justification

PROJECT #28

Project Name	Replace OP047 - 2013 Peterbilt Garbage Truck					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				450,000		450,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 450,000	\$ -	\$ 450,000

Project Description (Details & Comments)
 Operational necessity. Life cycle replacement of 7 year old vehicle. Estimated trade in value \$10,000

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

PROJECT #29

Project Name	Replace OP049A - 2010 Ford Ranger					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				55,000		55,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ 55,000

Project Description (Details & Comments)
 Operational necessity: Life cycle replacement of 10 year old vehicle. Estimated trade in value \$2,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

PROJECT #30

Project Name	Replace OP053 - 2004 Ford Ranger					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	40,000					40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement for a 13 year old vehicle. Trade in value \$2,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow the Green Vehicle Purchasing Policy.

Pre-Approval Justification

PROJECT #31

Project Name	Replace OP063A - 2016 John Deere Zero Turn Mower					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					16,500	16,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 16,500

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 5 year old equipment. Trade in value \$2,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #32

Project Name	Replace OP064 - 2016 John Deere Zero Turn Mower					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					16,500	16,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 16,500

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 5 year old equipment. Trade in value \$2,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #33

Project Name	Replace OP099L - 2011 Ingersol Lightsource Trailer					
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					33,000	33,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 33,000	\$ 33,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 10 year old equipment. Trade in value \$1,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet Management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #34

Project Name		Replace OP99K - 2008 Ver-Mac Sign Trailer				
Project Type	Capital	Fund	21			
Department Engineering & Operations - Division	Operations	Costc	958			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund		25,545				25,545
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 25,545	\$ -	\$ -	\$ -	\$ 25,545

Project Description (Details & Comments)
 Operational necessity. Life cycle replacement of 10 year old vehicle. Estimated trade in value \$2,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel effecient models.

PROJECT #35

Project Name							Residential Chafer Beetle Coupon Program								
Project Type							Operating							Fund	11
Department Engineering & Operations - Division							Operations							Costc	394
Strategic Plan Category							Preserving the Environment								
Project Priority							2. High								
Pre-Approval														Events (i.e Grand Opening)	
Contingency Included Below							Asset ID							Information System fee Included Below	
Project Management Fee Included Below														Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)														Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?															
Communications/Civic Engagements resource required?															
Funding Sources:							2017	2018	2019	2020	2021	Total			
Council Strategic Priorities Reserve							7,000	7,000	7,000	7,000	7,000	35,000			
Total Costs							\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 35,000			

Project Description (Details & Comments)
 To assist Port Moody residents' efforts to combat the European chafer beetle and encourage safe and effective biological approaches. To continue implementing a coupon program which would provide a 50% subsidy on the purchase of nematodes with a budget up to \$7,000 per year.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Will address current damage and reduce amount of future damage to both City and private lands.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 supporting a safe and effective biological approach to the eradication of a pest which causes considerable damage to City and private lands. Significant financial implication if chafer beetle is not eradicated.

PROJECT #36

Project Name	Centralized Recycling Day					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Operations				Costc	394
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ 4,000				Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Sanitation Utility Reserve	4,000	4,000	4,000	4,000	4,000	20,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 20,000

Project Description (Details & Comments)
 Centralized Recycling Day. This is an annual initiative that takes place at the start of each January following the holidays. The event allows residents to drop off surplus recycling left over from the holiday season. As we are underway with the planning of our 2017 waste collection calendar, we are looking to get our Centralized Recycling Day approved . To provide an extended outreach to the City, we are recommending the addition of another location, Westhill Park parking lot, and accepting plastic films, and Styrofoam to our collection.
 The calendar will communicate the following:
 If you've got tons of additional recycling left over from your holiday season, you won't want to miss our Centralized Recycling Day! Festive boxes, wrapping paper, Styrofoam, packaging and plastic film left over from the holidays can be dropped off for recycling on January 7, 2017 between 10am and 3pm at three locations: Westhill Park, Kyle Centre and Heritage Mountain Community Centre.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This is an annual service provided by the City. The nature of the project provides residents with a much needed and convenient option to drop-off additional surplus recycling of packaging that is generated after the holiday season. Since the City does not have its own recycling depot, this event has satisfied the need at the time of the year where the need is greatest.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Recycling contamination is an ongoing problem, and staff are working hard to overcome the problem with aggressive outreach to the residents. This is a great opportunity to target the topic and have robust educational conversations specifically about certain materials within the recycling stream.

Pre-Approval Justification
 The deliverable date for this project is January 7, 2017. The contract for delivery of bins needs to be in place now. The scheduling of 4 staff and 3 trucks needs to be expressed. Public communication of the event itself is advertised in the 2017 calendar which goes to print on November 14.

PROJECT #1

Project Name	Solid Waste Coordinator resource materials & outreach tools					
Project Type	Operating				Fund	11
Department Engineering & Operations - Division	Solid Waste				Costc	354
Strategic Plan Category	Preserving the Environment					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Sanitation Utility Reserve	15,000					15,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000

Project Description (Details & Comments)
 Community outreach to public sectors implementing strategies to generate education and understanding that motivate participation in solid waste resource management programs in Port Moody.
 Initiatives and activities will incorporate a variety of waste reduction campaigns, materials, and interactive presentations to be promoted at public events and workshops.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Strategic alignment is with preserving the environment and service excellence. Project is necessary to assist staff to effectively communicate and educate residents and stakeholders in a professional and engaging manner.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Having the tools to promote these initiatives will have tremendous sustainable impact. Being able to effectively educate our residents to reduce waste, recycle more will have environmental and economic benefit to the City.

PROJECT #2

Project Name	Cart Replacement					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Solid Waste				Costc	975
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	20,550	20,550	20,550	20,550	20,550	102,750
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 20,550	\$ 20,550	\$ 20,550	\$ 20,550	\$ 20,550	\$ 102,750

Project Description (Details & Comments)
 replacement of 1% of active carts currently in service. Due to damage beyond repair. Accounts for annual average of 150 carts (total 15000 in active service)

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Project is necessary as no funding source had been recognized for cart replacement. Average of 150 carts require replacement per year. Damage is beyond repair. This will ensure service excellence for residents/stakeholders.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Financially responsible as funding will come from correct source. Current gap will be rectified

Pre-Approval Justification
 A wait-list for cart replacements has already begun as many of the green carts were destroyed by higher than normal bear activity. Carts need to be ordered as soon as possible to address this need. As well, new development of 26 SFD are close to final inspection and occupancy. New carts for these properties will be required when homeowners take possession as early as November 2016.

PROJECT #3

Project Name	New Services Cart					
Project Type	Capital				Fund	21
Department Engineering & Operations - Division	Solid Waste				Costc	975
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below		Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				\$ 4,310
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sanitation Utility Reserve	64,660					64,660
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 64,660	\$ -	\$ -	\$ -	\$ -	\$ 64,660

Project Description (Details & Comments)

Funding for carts to provide to new customers (New single family and multi family developments) will require 76 Recycling Carts @\$90 , 76 Garbage Carts @\$137, 76 Green Waste Carts @\$137, & 76 Glass Bins @\$6 Recycling Carts @\$90

76 SFD units for 2017 -
1220 Multi Family Units for 2017 - will require 406

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Project is necessary as no funding source had been recognized for new service carts. This will ensure service excellence for residents/stakeholders.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Financially responsible as funding will come from correct source. Current gap will be rectified

Pre-approval of the expenditure is required as there is a 3 month wait period for stock to arrive. Many carts will be required prior to May and waiting until then to place the order will put us into late August before stock is received. Ideally having possession of the carts buy no later than March 1st will allow us to efficiently provide the carts in a timely manner.

PROJECT #1

Project Name	Design and Feasibility Study - Shoreline Trail Boardwalk					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 2,500			Information System fee Included Below	
Project Management Fee Included Below		\$ 2,500			Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	40,000					40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 Planned replacement as part of asset management program.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The 2012 MIA Risk Control Survey noted that there are areas where the cracking in walkways has created trip and fall hazards by way of differences in the height of the concrete greater than 2.5 cm. Such tripping hazards may lead to personal injury and liability issues. In order to mitigate any possible liability issues, it is recommended that the hazards be addressed as soon as possible. There is an alternative to replace in a phased manner, this would require mobilizing twice and would be more disruptive to the park users.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The sidewalk support a high volume of users (projected to be more than 500,000 users annually) and supports low-carbon transportation options for walking and biking.

PROJECT #2

Project Name		Flavelle Park - Rehabilitate Wooden Deck				
Project Type	Operating	Fund				11
Department Environment & Parks - Division	Parks	Costc				474
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$	500	Information System fee Included Below		
Project Management Fee Included Below	\$	500	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks			30,000			30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)
 Rebuilding of wooden deck and viewing platform in Flavelle Park as part of asset management program. The project scope is to rebuild existing deck with similiar structure.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The existing wooden deck at Flavelle Park is part of overall park design and provides a scenic overview of Burrard Inlet. The park is largely used by local neighbourhood, the consequence of not proceeding is that wood will rot and the stucture would need to be removed for public safety reasons.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #3

Project Name	Greenleaf Parkette - Retaining Wall Rehabilitation					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$	500			Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks			10,000			10,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$	-	\$	-	\$	10,000
						\$
						-
						\$
						10,000

Project Description (Details & Comments)
 Rehabilitation of retaining wall structure (component of this park space).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The existing retaining wall structure is in poor condition, and requires repairs to address safety concerns.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #4

Project Name	Horticulture Vegetation Replacement Program					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Parks and Recreation					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	15,000	15,000	15,000	15,000	15,000	75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000

Project Description (Details & Comments)
 This program will allow for proactive maintenance and rehabilitation of City-owned horticulture planters and beds.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project will allow for maintenance and rehabilitation of horticultural assets throughout the City (enhancing opportunities to enjoy community parks/horticultural assets).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Regular maintenance will avoid reliance on other more impactful methods.

Pre-Approval Justification
 Pre-approval is required as this is seasonal work which needs to be done during winter months due to the volume of precipitation needed.

PROJECT #5

Project Name	Inlet Park Sportsfield Redevelopment - Phase 2					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Parks and Recreation					
Project Priority	1. Council					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Private Contributions					5,665,000	5,665,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,665,000	\$ 5,665,000

Project Description (Details & Comments)

Project includes full redevelopment of the existing sportsfield (gravel); builds on design phase for preferred alignment and field layout.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Motion from Finance Committee (FC16/030)
 Moved, seconded, and CARRIED
 That Inlet Park Field Redevelopment be Included in year 2017 of the 2016-2020 Five-Year Capital Plan, to be funded from the Inlet Field Reserve and private contributions.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

N/A

PROJECT #6

Project Name		Ioco Road Medians - Chafer Beetle Resistant Turf Replacement					
Project Type		Capital			Fund	21	
Department Environment & Parks - Division		Parks			Costc	957	
Strategic Plan Category		Parks and Recreation					
Project Priority		0. Pre-Approved					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID				Information System fee Included Below	
Project Management Fee Included Below						Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Parks		30,000					30,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)
 This project will allow for the installation of chafer beetle resistant grasses in select median areas along Ioco Road.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This program was started as a trial on other median areas, and has performed very well. Continuation of this treatment is recommended for the Ioco corridor.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

Pre-Approval Justification
 Pre-approval is required as this is seasonal work which needs to be done during winter months due to the volume of precipitation needed.

PROJECT #7

Project Name		North Shore Community Park - Soccer Field (Natural Turf /Grass Renewal)					
Project Type		Capital			Fund	21	
Department Environment & Parks - Division		Parks			Costc	957	
Strategic Plan Category		Parks and Recreation					
Project Priority		0. Pre-Approved					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID				Information System fee Included Below	
Project Management Fee Included Below						Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Parks		10,000					10,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000

Project Description (Details & Comments)
 Assessment of potential improvements to extend the life of the existing natural turf on this soccer pitch.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This sportsfield accomodates a significant volume of users, and is showing signs of wear. This project will allow for development of a rehabilitation strategy (to support future improvements).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

Pre-Approval Justification
 This funding is intended to allow for an assessment of options to rehabilitate the existing natural soccer pitch. Early approval is necessary to allow repair works to proceed ahead of the regular sports season.

PROJECT #8

Project Name	Old Orchard Park - Master Plan					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks		65,000				65,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000

Project Description (Details & Comments)

Development of a strategy to implement long-term priorities that address access issues, equipment condition and layout, and other safety concerns within Old Orchard Park. Key segments to address include: playground replacement & expansion, events, waste management strategies, mosaiculture public art placement, and tree additions and replacement

This project would seek public input from parks users, local historians, ecological and historical landscape architects as well as involve Cultural Services, Sustainability, Engineering, Parks Department Maintenance Staff and Council.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Old Orchard Park is a well used community park asset, which requires development of a long-term plan to support strategic investment in park infrastructure (age/condition concerns).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Opportunities for environmental enhancement can be considered through the development of this master plan.

PROJECT #9

Project Name	Parks Infrastructure - Planning/Asset Management					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks and Recreation					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	25,000	25,000	25,000	25,000	25,000	125,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Project Description (Details & Comments)
 This project will provide funding to complete technical assessment/evaluations relating to parks infrastructure improvements (including emergency works).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project is intended to provide funding for unanticipated works relating to general parks infrastructure. This will provide the necessary resources to proactively respond to immediate infrastructure needs that could not have been reasonably anticipated at the outset of the current capital year.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

Pre-Approval Justification
 Requirements to provide assessment to failed infrastructure and respond to issues on emergency basis may occur at any time of the year. Funding should be available to ensure work can be performed in a timely manner.

PROJECT #10

Project Name		Pilot Designated Anchorage Area					
Project Type		Operating			Fund	11	
Department Environment & Parks - Division		Parks			Costc	474	
Strategic Plan Category		Preserving the Environment					
Project Priority		0. Pre-Approved					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID				Information System fee Included Below	
Project Management Fee Included Below						Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve		20,000	20,000	20,000	20,000	20,000	100,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000

Project Description (Details & Comments)

The DAA pilot project will implement a Designated anchorage Area under a lease from Port Metro Vancouver. The purpose of the pilot DAA is to test the effectiveness of the DAA to manage the currently unrestricted proliferation of boats using the inlet for long-term anchorage. Council Resolution CW15/056 (July 7, 2015 Committee of the Whole), conditional on Council approval of lease agreement.

Council resolution RC 15/261 put forth at Regular Council Meeting July 14, 2015

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Council priority to improve management of boats anchoring within the inlet for environmental purposes and to reduce impacts on other recreational users. Project goals and objectives include: management of the currently unrestricted use of the inlet as long-term anchorage; reduction of environmental impacts from long-term anchorage; reduction of incidents of abandoned boats and boats adrift in the inlet; improvements to the inlet for other recreational users such as sailing, kayaking, canoeing, dragon-boating, and water skiing; and improvements to the aesthetics of the inlet.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

Pre-approval is required to achieve continuity in program funding for 2016-2017.

PROJECT #11

Project Name	Pioneer Park Master Plan					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks & Recreation					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	15,000					15,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000

Project Description (Details & Comments)

Similar to Rocky Point Park master plan to help guide improvements but on a smaller scale.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The Parks and Recreation Master Plan has identified that a master plan is necessary to guide improvements to this park asset.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Master planning will allow for opportunities to minimize environmental impacts.

PROJECT #12

Project Name	Playground Equipment Repair					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	15,000	15,000	15,000	15,000	15,000	75,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000

Project Description (Details & Comments)

The playground equipment at a number of small parkettes (i.e. Apple Courtyard Park) requires replacement (due to age/condition of equipment).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The playground equipment require replacing due to the age and usefulness of the current equipment. Example: The slide at the Apple Courtyard Park no longer allows children to slide down it. Staff have tried a number of different waxes and other methods, but nothing has worked.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #13

Project Name	Playground Rehabilitation - Barber Street Playground Area					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 2,000			Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks			39,000			39,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 39,000	\$ -	\$ -	\$ 39,000

Project Description (Details & Comments)
 Replacement of aging playground structure and sand surfacing. Playground has a small footprint, the budget includes \$20,000 for playground equipment and \$10,000 for surfacing and edging.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Life cycle replacement to continue use of neighbourhood parkette playground equipment. The playground benefits children in the surrounding neighbourhood and aligns with the Strategic Plan for livability.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The existing playground will be recycled to the extent of feasibility, the location of the park is planned to be walkable for families in the surrounding neighbourhood.

PROJECT #14

Project Name	Playground Rehabilitation - Seaview Playground Area					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	\$ 2,000	Information System fee Included Below			
Project Management Fee Included Below		\$ 2,500	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks				60,000		60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000

Project Description (Details & Comments)
 Planned replacement as part of asset management program.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Playgrounds are required to meet CSA standards for inspection and maintenance. This includes the provision of adequate fall protection through surfacing and the existing fibar surface will need to be upgraded/replaced.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #15

Project Name	Playground Rehabilitation - Twin Creek Parkette Playground					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 2,000			Information System fee Included Below	
Project Management Fee Included Below		\$ 2,500			Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks			30,000			30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)

Replacement of aging playground structure and surfacing that was installed in 1998. Playground has a small footprint, the budget includes \$20,000 for playground equipment and \$5,000 for surfacing and edging.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Life cycle replacement to continue use of neighbourhood parkette playground equipment. The playground benefits children in the surrounding neighbourhood and aligns with the Strategic Plan for livability.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

The existing playground will be recycled to the extent of feasibility, the location of the park is planned to be walkable for families in the surrounding neighbourhood.

PROJECT #16

Project Name	Replace PK016 - 1996 Jacob Aerator					
Project Type	Capital			Fund	21	
Department Environment & Parks - Division	Parks			Costc	957	
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				15,000		15,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000

Project Description (Details & Comments)

Operational necessity: life cycle replacement of 24 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary to maintain Fleet in good working order which ensure that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Purchase of equipment will follow Green Vehicle Purchasing Policy. Staff will be looking at hybrids and fuel efficient models.

PROJECT #17

Project Name	Replace PK017 - 2008 Agri-Metal Tuff Vac Sweeper					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			26,500			26,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 26,500	\$ -	\$ -	\$ 26,500

Project Description (Details & Comments)

Operational Necessity: Life cycle replacement of 10 year old truck, trade-in value \$3,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient trucks.

PROJECT #18

Project Name	Replace PK042 - 2005 Ford Dump					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	90,000					90,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000

Project Description (Details & Comments)
 Operational necessity: Life cycle replacement of 12 year old vehicle. Trade in value \$2,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy. Staff will be looking ay hybrids and fuel efficient models.

Pre-Approval Justification

PROJECT #19

Project Name	Replace PK043C - 2008 Swendson Sander					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			13,000			13,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 13,000	\$ -	\$ -	\$ 13,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 11 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy. Staff will be looking at hybrids and fuel efficient models.

PROJECT #20

Project Name	Replace PK044 - 1995 Aer-way Aerator					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					16,500	16,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 16,500

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 26 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy. Staff will be looking at hybrids and fuel efficient models.

PROJECT #21

Project Name	Replace PK045A - 2006 Western Plow					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					9,000	9,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 15 year old equipment. Trade in value \$250.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #22

Project Name	Replace PK045B - 2006 Swendson Sander					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					13,000	13,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 13,000	\$ 13,000

Project Description (Details & Comments)

Operational necessity: life replacement of a 15 year old equipment. Trade in value \$500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #23

Project Name	Replace PK047 - 2008 Dodge Dakota abc					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund		41,500				41,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 41,500	\$ -	\$ -	\$ -	\$ 41,500

Project Description (Details & Comments)
 Operational Necessity: Life cycle replacement of 10 year old truck, trade-in value \$8,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient trucks.

PROJECT #24

Project Name	Replace PK048A - 2010 Ford Ranger					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				55,000		55,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ 55,000

Project Description (Details & Comments)

Operational Necessity: Life cycle replacement of 8 year old truck, trade-in value \$3,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient trucks.

PROJECT #25

Project Name	Replace PK049 - 2004 John Deere Tractor					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			74,000			74,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 74,000	\$ -	\$ -	\$ 74,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 15 year old vehicle. Trade in value \$5,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicles condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy. Staff will be looking at hybrids and fuel efficient models.

PROJECT #26

Project Name	Replace PK050A - 2012 Kubota Tractor					
Project Type	Capital			Fund	21	
Department Environment & Parks - Division	Parks			Costc	957	
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	\$ 750		Information System fee Included Below		
Project Management Fee Included Below		\$ 1,000		Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				27,000		27,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 27,000	\$ -	\$ 27,000

Project Description (Details & Comments)
 Operational necessity. Life cycle replacement of 7 year old vehicle. Estimated trade in value \$2,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendation on projected life expectancy of a vehicle based on actual costs to maintain.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy, staff will be looking at hybrids and fuel efficient models.

PROJECT #27

Project Name	Replace PK060 - 2008 Dodge Ram PU					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				45,000		45,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ 45,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 12 year old vehicle. Trade in value \$2,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of a vehicle based on actual costs to maintain and vehicle condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of vehicle will follow Green Vehicle Purchasing Policy. Staff will be looking at hybrids and fuel efficient models.

PROJECT #28

Project Name		Replace PK063 - 2005 Vermeer Chipper					
Project Type		Capital	Fund		21		
Department Environment & Parks - Division		Parks	Costc		957		
Strategic Plan Category		Service Excellence					
Project Priority		2. High					
Pre-Approval		Events (i.e Grand Opening)					
Contingency Included Below		Asset ID		Information System fee Included Below			
Project Management Fee Included Below		Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund						49,000	49,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ -	\$ -	\$ -	\$ -	\$ 49,000	\$ 49,000

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of a 16 year equipment. Trade in value \$2000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain Fleet in good working order which ensures that ongoing maintenance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #29

Project Name	Replace PK066 - 2016 John Deere Zero Turn Mower					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					16,500	16,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 16,500

Project Description (Details & Comments)
 Operational necessity: life cycle replacement of 5 year old equipment. Trade in value \$2,500.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain the Fleet in good working order which ensures that ongoing maintainance costs are reasonably controlled. Fleet management provides recommendations on projected life expectancy of equipment based on actual costs to maintain and equipment condition.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Purchase of equipment will follow Green Vehicle Purchasing Policy.

PROJECT #30

Project Name	Resurface Basketball Court - Easthill Park					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$	750		Information System fee Included Below	
Project Management Fee Included Below		\$	1,000		Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks			32,000			32,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 32,000	\$ -	\$ -	\$ 32,000

Project Description (Details & Comments)
 Renewal of sports court surfacing including replacement of basketball posts and backboards.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Renewal of surface coatings will extend asset lifecycle. Should this surface be allowed to deteriorate further, full replacement may be necessary.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The court is not lit, no anticipated impact for energy use.

PROJECT #31

Project Name		Resurface Tennis Courts - Easthill Park				
Project Type	Capital	Fund				21
Department Environment & Parks - Division	Parks	Costc				957
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 500	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	30,000					30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)
 Renewal of sports court surfacing at Easthill Park Tennis Court as surface has become highly deteriorated.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary to maintain quality play surfaces for tennis. The texturized playing surface protects the structural surface from wear, reduces the puddling of rainwater on the courts.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The court is not lit, no anticipated impact for energy use.

PROJECT #32

Project Name	Resurface Tennis Courts - Chestnut Park Reservoir					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	\$ 500	Information System fee Included Below			
Project Management Fee Included Below		\$ 500	Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	30,000					30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)
 Planned replacement as part of asset management program.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Surface is worn; impacts end users (potential liability if allowed to continue to deteriorate).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #33

Project Name	Rocky Point Park - Master Plan Review					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	71,500					71,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 71,500	\$ -	\$ -	\$ -	\$ -	\$ 71,500

Project Description (Details & Comments)
 Development of a strategy to implement long-term priorities that address access issues, equipment condition and layout, and other safety concerns within Rocky Point Park. Key segments to address include: playground replacement & expansion (Urgent), parking (Urgent), boat launch congestion and safety (Urgent), events – park access, picnic shelter replacement & expansion, waste management strategies, mosaiciculture public art placement, drainage, sidewalk widening, and tree additions and replacement
 This project would seek public input from parks users, local historians, ecological and historical landscape architects as well as involve Cultural Services, Sustainability, Engineering, Parks Department Maintenance Staff and Council.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Rocky Point Park is currently at capacity and the demands on the park continue to grow as population densifies. The current layout and facilities no longer meet the needs of our community.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #34

Project Name	Rocky Point Park - Picnic Table Replacement					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	\$ 4,500	Information System fee Included Below			
Project Management Fee Included Below			Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks			22,000			22,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 22,000	\$ -	\$ -	\$ 22,000

Project Description (Details & Comments)
 Replacement of aging wooden picnic tables at Rocky Point Park.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is necessary as the structure was built in 1986 and the structure is aging. The picnic shelter is heavily used for group picnics and tables need to be replaced to accommodate large groups.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #35

Project Name		Shoreline Bike Path Replacement				
Project Type		Capital			Fund	21
Department Environment & Parks - Division		Parks			Costc	957
Strategic Plan Category		Parks and Recreation				
Project Priority		3. Medium				
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below		Asset ID	\$ 100,000		Information System fee Included Below	
Project Management Fee Included Below			\$ 10,000		Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:		2017	2018	2019	2020	2021
Asset Reserve - Parks			30,000	215,000	320,000	
Total Costs		\$ -	\$ 30,000	\$ 215,000	\$ 320,000	\$ -
						\$ 565,000

Project Description (Details & Comments)
 It is recognized that this project will need to be spread out over several phases for budget purposes; it is recommended that design planning in 2015 include recommendations on best approaches for subsequent capital funding requests.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Shoreline Bike Path has been patched and repaired and is past its useful life expectancy. The project should include a review of the specifications, proper base for drainage, consideration of widening in areas that don't meet required bike path widths. The Shoreline Trail system is heavily used by cyclists, roller bladers, strollers, running groups on a year-round basis.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The provision of trail facilities supports non-motorized vehicle transportation and the Shoreline Bike Path is an integral part of the overall bike network. This supports the overall reduction of the city's carbon footprint.

PROJECT #36

Project Name	Tennis Court Lighting Conversion (LED)					
Project Type	Capital				Fund	21
Department Environment & Parks - Division	Parks				Costc	957
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 5,000				Information System fee Included Below
Project Management Fee Included Below	\$ 5,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks		130,000				130,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000

Project Description (Details & Comments)

The project will involve the conversion of the existing metal-halide lights for the tennis courts to LED technology. This technology is rapidly evolving, there is a pilot project to use LED lighting at adjacent soccer warm up field which will be reviewed. Staff will continue to monitor new technology and will update capital budget annually to reflect any changes. Staff have also identified an opportunity with LED to utilize controller/sensors that will limit the use of lights to when users are present.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The existing metal-halide light fixtures and poles are aging and will need to be replaced. Staff would like to convert the lights to more energy efficient lighting, the technology for LED lights is rapidly evolving and staff are monitoring to review light intensity modelling to see when technology will ensure adequate lighting type and level for tennis court users.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

The conversion of the lights will reduce the city's carbon footprint through savings in electricity use. Preliminary modelling using 2011 technology suggest a reduction of 85%, this will have a corresponding reduction in energy costs.

PROJECT #37

Project Name	Tree Replacement Program					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks and Recreation					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
286 General Amenities	15,000	15,000	15,000	15,000	15,000	75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000

Project Description (Details & Comments)

Environmental Benefit: Annual program to replant street trees and forest areas that have been lost due to removal of hazardous trees, weather events, disease or vandalism. The funds would be for the purchase of material and labour and we would partner with community groups and organizations to assist with the actual plantings where practical.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Livability and Sustainability. The project is required to support long-term city policy for tree replacement when trees are removed. There is an annual requirement to replace street trees that are hit by vehicles (staff work with Police and ICBC for cost recovery if accident is reported).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Tree planting will result in carbon sequestering. Staff track number and location of trees planted for future opportunity to use for carbon offsets (methodology not currently available under draft carbon neutral working book). The planting of replacement trees ensures no net loss for urban forest management strategy and is an overall environmental benefit.

PROJECT #38

Project Name	Urban Forestry - Tree Removals/Mitigation for City Lands					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks and Recreation					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	50,000	50,000	50,000	50,000	50,000	250,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000

Project Description (Details & Comments)
 Our Parks staff have been closely monitoring the City's trees after last summer's heat and drought, the extreme wind storm at the end of last August and the windstorms throughout the winter and spring. Parks staff and contractors will be removing a number of trees throughout the City for the foreseeable future. Our Parks staff note that this level and type of stress is unusual from past years and is most likely attributed to last summer's extreme weather. As we share information with our colleagues around the region, we note that this situation is not unique to Port Moody.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The trees, the majority of which are cottonwoods, are being removed for safety reasons. The trees will be replaced in the fall with an appropriate species for each location.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Tree requirements can be very specific. This is often overlooked when a species is selected. We will assess the planting site and select the most appropriate native species for that specific location.

PROJECT #39

Project Name		Chafer Beetle Management Program - City Lands					
Project Type		Operating			Fund	11	
Department Environment & Parks - Division		Parks			Costc	474	
Strategic Plan Category		Preserving the Environment					
Project Priority		0. Pre-Approved					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID			Information System fee Included Below		
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Asset Reserve - Parks		5,000	5,000	5,000	5,000	5,000	25,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000

Project Description (Details & Comments)
 Chafer Beetle continues to damage our City's turf, our Parks department strategically selects the hardest hit areas of turf for restoration.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The Horticulture Staff are committed to exploring new turf alternatives that are Chafer Beetle resistant, drought tolerant, provide visual merit and work symbiotically in our environment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 We will assess the planting site and select the most appropriate native species for that specific location.

Pre-Approval Justification
 Pre-approval is required as this is seasonal work which needs to be done during winter months due to the volume of precipitation needed.

PROJECT #40

Project Name	Playground Rehabilitation - Art Wilkinson Park					
Project Type	Capital	Fund	21			
Department Environment & Parks - Division	Parks	Costc	957			
Strategic Plan Category	Parks & Recreation					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Parks	10,000					10,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000

Project Description (Details & Comments)
 Planned replacement as part of asset management program.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #41

Project Name	Mosaiculture Sculpture					
Project Type	Operating				Fund	11
Department Environment & Parks - Division	Parks				Costc	474
Strategic Plan Category	Parks & Recreation					
Project Priority	4. Low					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Grants	20,000					20,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Project Description (Details & Comments)
 Mosaiculture Sculpture installation.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The introduction of Mosaiculture sculptures to Port Moody will meet the Parks and Recreation Master Plan goal and celebrate Port Moody's history and natural environment, while encouraging community involvement during Canada's sesquicentennial. Furthermore, Mosaiculture sculptures will bolster the City's reputation as the City of the Arts.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Improved quality and utilization of parks, recreation, and open gathering places; advanced importance of arts, culture, and learning; and bolstered importance of the City's heritage in our culture.

Pre-Approval Justification

PROJECT #1

Project Name	Invasive Plants - Spartina and Knotweed Program						
Project Type	Operating				Fund	11	
Department Environment & Parks - Division	Sustainability				Costc	604	
Strategic Plan Category	Preserving the Environment						
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ -	Information System fee Included Below				\$ -
Project Management Fee Included Below	\$ 5,000	Communications Fee Included Below				\$ -	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ -	Asset Replacement Provision (Project Total Divided by Useful Life)				\$ -	
Information System resource required?	No						
Communications/Civic Engagements resource required?	Yes	Please contact Leslyn Johnson or Rosemary Lodge for advice and assistance before budgeting for projects which may require Communications and/or Civic Engagement support					
Funding Sources:	2017	2018	2019	2020	2021	Total	
Council Strategic Priorities Reserve	30,000					30,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	

Project Description (Details & Comments)
 This funding is to support the City's continuation in the Spartina Eradication efforts (@ 5K) and its knotweed treatment and removal efforts (@25k) on City lands. The City recently developed a knotweed inventory and management plan that identified the areas, relative size and recommended treatment measures. In 2016, the City initiated action to remove knotweed from City lands in accordance with the plan. Pre-approval is being requested in order to support the recruitment of necessary contracted expertise to enable treatment during appropriate treatment season. While it is not possible to quantify a NET operating budget impact, it is noted that removal of knotweed is a preventative initiative that would avoid costs from potential future infrastructure damage.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Knotweed is an invasive plant that the City has a legislative duty to manage according to Provincial legislation. Knotweed is a particularly challenging invasive. It spreads fast from very small fragments and causes environmental damage by degrading habitats. It also can pose safety issues by decreasing sight lines as it tends to grow along roadways and can impact civic infrastructure and other property owners. The City has an invasive program funds in its operating budget but these funds are directed towards management of all other invasive plants on City lands. The alternative to use operating funds to address Knotweed would mean that no resources would be available to support the other City efforts. The most significant impact would be the loss of effort directed at removing Policeman's Helmet in Suterbrook Greenway. The has exerted effort for multiple years now and has achieved significant results (e.g., approaching maintenance levels). Loss of effort over the next few years on this front would likely lead to a Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

See above

Pre-Approval Justification
 Pre-approval is being requested in order to support the recruitment of necessary contracted expertise in time to enable treatment during appropriate treatment season. In 2016, it was very tight (and lucky) that we were able to secure expertise in time. Pre-approval will avoid risks that this could not be achieved in 2017.

PROJECT #2

Project Name		In-stream Fish Habitat Infrastructure Management Plan				
Project Type	Capital	Fund				21
Department Environment & Parks - Division	Sustainability	Costc				965
Strategic Plan Category	Preserving the Environment					
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 3,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve	20,000					20,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Project Description (Details & Comments)

Fish habitat infrastructure is present on at three streams in Port Moody (i.e., a fish ladder is located on private property in North Schoolhouse, two fish ladders are located in South Schoolhouse and in-stream baffles are present in the loco Road culvert on Mossom Creek). The condition and maintenance needs of the fish habitat infrastructure is not known and despite the infrastructure being in place for some time, no plans are in place to maintain them. It is also unknown which infrastructure is under City responsibility. The purpose of this project is for the City to clarify jurisdiction and establish plans for the immediate and on-going management of the infrastructure. Specific tasks would include documentation of the origin, ownership and intended functionality of the infrastructure as well as an overview assessment of its current condition and identification of maintenance needs and priorities. The funding request is based on an estimated evaluation cost of \$3,000-\$4000, per site. Activities will include review of historical records, field investigations and liaison with land owners and senior government agencies. A key deliverable from the project will be the identification of infrastructure that the City is directly responsible for and action necessary to establish it in the City's asset management system. The City will also be provided with information to better enable it to work with private property owners and other agencies for situations where infrastructure is located on private property or within other jurisdictions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project supports Council's Strategic Plan by supporting enhanced stream protection (Council Strategic Plan - Action: Enhance stream protection as a priority through policy and programs) and supporting the City in providing service excellence (Council Strategic Plan - Strategic Focus Area: Service Excellence). Often, fish habitat infrastructure is built as a compensation measure as part of a specific project development without an on-going management plan being put into place or system in place for ensuring that ongoing maintenance is done. In-stream fish habitat infrastructure that is not maintained effectively may not function as intended and as such intended benefits are forgone. In worst-case conditions, infrastructure may even impede fish passage and be considered as causing serious harm to fish under the Fisheries Act. Over the past year, repair and maintenance needs have been noted for some of the in-stream infrastructure in Port Moody, but an overall understanding of the ownership and status of these

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

A systematic well-planned approach to fish infrastructure management will advance sustainability by using City resources effectively and ensuring that investments made function as intended and support local fish populations and overall stream health.

PROJECT #1

Project Name		Financial Reporting and Audit Software					
Project Type		Operating			Fund		
Department Finance & Technology - Division		Finance			Costc		
Strategic Plan Category							
Project Priority		2. High					
Pre-Approval					Events (i.e Grand Opening)		
Contingency Included Below		Asset ID			Information System fee Included Below		
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Council Strategic Priorities Reserve		25,000					25,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Project Description (Details & Comments)

The City currently uses Microsoft Excel to construct our financial statements and audit working papers, which are then printed and manually saved in binders for the audit. This is a labour intensive process. Many municipalities are upgrading to year end audit software that is more user friendly, efficient and makes it easier to analyse and report on year end results. It also is more efficient for the auditors to perform they interim and year end processes.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The software is necessary as Excel is a manual system that can lead to errors and is inefficient. In 2016 our auditors KPMG recommended in Management Letter to Council that, as part of best practices, the City implement year end audit software. The estimated benefits are that there would be better reporting capabilities and analysis to improve the City's financial information and provide efficiencies to reduce staff time, eliminate overtime, and reduce audit fees. The consequences of not proceeding could be potential errors in the Financial Statements and the inefficiency of using excel and manual working papers for the audit.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Will provide a more sustainable financial reporting tool which will be less prone to error. Reduce use of paper and printer as audit binders will no longer need to be printed. Would reduce audit fees.

PROJECT #2

Project Name	1440 loco Road Demolition					
Project Type	Operating				Fund	
Department Finance & Technology - Division	Finance				Costc	
Strategic Plan Category	Preserving the Environment					
Project Priority	1. Council					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Land Reserve	68,000					68,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 68,000	\$ -	\$ -	\$ -	\$ -	\$ 68,000

Project Description (Details & Comments)
 Demolish the structure at 140 loco Road.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Since the acquisition of the property in 2014, the structure has remained unoccupied with no improvements. The property is unsecured and in a severe state of disrepair. It is structurally unstable and exposed to the elements. The derelict structure is in contravention of City of Port Moody Untidy and Unsightly Premises Bylaw, 1980, No. 1488. As the property continues to deteriorate, the risks to the City increases.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The best use for a portion of the property may be enhanced public access to Mossom Creek and utilize it as environmental compensation for other City projects.

Pre-Approval Justification
 Pre-Approved at Regular Concil on March 14, 2017.

PROJECT #1

Project Name	Upgrade Orthophotos						
Project Type	Operating				Fund	11	
Department Finance & Technology - Division	Information Services				Costc	504	
Strategic Plan Category							
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 1,000	Information System fee Included Below				
Project Management Fee Included Below		\$ 500	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Unallocated	12,000	12,000	12,000	12,000		48,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ -	\$ 48,000	

Project Description (Details & Comments)

Accurate, up-to-date high-resolution orthophotos are a critical source of information for many departments in the City including Planning, Engineering, Operations & Parks, Finance & I.S.(GIS/mapping) Numerous custom maps made by the mapping team utilize orthophotos, and the internal & external public-facing GIS offer enhanced aerial views of the City based on orthophotos. The City's current orthophoto collection was last updated in 2012 and it was decided to wait until the Evergreen Line construction was closer to completion before requesting an update in 2016. Best practices call for updated orthophotos every other year, and this is included in this budget request.

The City intends to participate in a partnership with all Metro Vancouver municipalities to obtain regularly updated orthophotos at a lower rate.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Ongoing city development necessitates the requirement for biennial orthophoto updates. At present there are no alternatives to professionally produced, high-resolution orthophotos. If these updated images are not purchased, staff would be forced to use out-of-date information for decision making, based on orthophotos which are over 4 years old.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

The City has ben able to reduce environmental impacts by using orthophoto interpretation instead of making on-site field visits.

Pre-Approval Justification

The aerial flights to create orthophotos are usually scheduled in March. Contracting with the vendor is required in January/February. Pre-approval is therefore necessary in order to be included in the 2017 flight schedule.

PROJECT #2

Project Name	Agresso Upgrades					
Project Type	Operating			Fund	11	
Department Finance & Technology - Division	Information Services			Costc	504	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below			\$ 3,000	
Project Management Fee Included Below	Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services				
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City			35,000		35,000	70,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000	\$ 70,000

Project Description (Details & Comments)

Agresso plays a key role for the City's financial transactions, HR services and payroll. Mandatory upgrades for Agresso system are issued in 18-24 month cycles. An upgrade for Agresso will be happening in fall of 2016. The upgrades in this request have been requested for 2019 and 2021 to maintain the 24 month upgrade cycle.

This project is submitted on behalf of all City departments, although the project is managed by the Information Services division. The project provides for consulting services, project management and staff backfill which are necessary for systemic and successful Agresso upgrade projects.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Prior to 2011, Agresso upgrades were informally planned, and were executed without additional resources or staff backfill, resulting in lengthy, often untidy and unstructured upgrades. Poorly tested upgrades are often followed by serious service impacts. In 2011, I.S. examined "best practice" upgrade methodologies used by other Agresso clients and implemented a Port Moody upgrade methodology. The new methodology has significantly improved the quality of the entire upgrade process. To further develop this process, upgrade projects are now supplemented by a budget for staff backfills and consulting from Agresso (if required).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

No adverse sustainability impacts are expected.

PROJECT #3

Project Name	Backup Server Replacements					
Project Type	Capital			Fund	21	
Department Finance & Technology - Division	Information Services			Costc	961	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	\$	500	Information System fee Included Below	\$	1,000
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City		15,000			15,000	30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 15,000	\$ -	\$ -	\$ 15,000	\$ 30,000

Project Description (Details & Comments)
 The City operates four backup servers which secure data in locations outside of City Hall. Backup servers are replaced on a 3year cycle. Server replacements are scheduled for 2018 and in 2021.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Offsite, automated disk-based backups provide the most cost-effective option for the City's current backup requirements. This protects City data against water or fire damage, vandalism and accidental loss/corruption. The City has deployed remote, disk-based data backups since 2007, with funding approved by Council.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Regular renewal of the City's disk-based backup devices is a cost-effective & sustainable approach to the challenges of securing the City's databases and file collections. Constantly falling disk storage costs in recent decades has assisted the sustainability of this process.

PROJECT #4

Project Name	TEMPEST Upgrades						
Project Type	Capital				Fund	21	
Department Finance & Technology - Division	Information Services				Costc	961	
Strategic Plan Category							
Project Priority	0. Pre-Approved						
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 1,000				Information System fee Included Below	\$ 3,000
Project Management Fee Included Below						Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services					
Communications/Civic Engagements resource required?							
Funding Sources:	2017	2018	2019	2020	2021	Total	
Asset Reserve - Equipment - City	25,000					25,000	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Total Costs	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000	

Project Description (Details & Comments)

Tempest is a vital City system, widely used to provide online services to residents, manage utility & tax billing, manage the City's land database and provide licensing & bylaw enforcement facilities. The new version of Tempest includes a radically improved user interface and updated processes & procedures. The new version requires training to prepare staff in Finance, Planning, Bylaws & Licensing, Building Inspections, Operations, the Library and Information Services.

This project includes 9 days of on-site consulting, 2 days of off-site upgrades and 1 day of remote assistance by Tempst staff. City staff will be adequately prepared to use the system's new interface and menus and I.S. staff will understand the changes to technical features and database maintenance requirements. This training will be scheduled in conjunction with HR, once the deployment schedule for the new release has been determined.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The Tempest system provides a wide array of services to the City. It is vital that staff are well-trained and that the system is correctly used to carry out daily tasks and properly serve City residents and business owners. Significant product design reviews, such as this one, typically occur every four to five years, and will generate the need for additional training and/or technology upgrades each time.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

No adverse sustainability impacts are expected.

Pre-Approval Justification

Early approval is required in order to begin the project in January 2017 ahead of the tax billing cycle. Without early approval, this project will not be completed until January 2018 and the City will not be able to upgrade to the latest version of Tempest. A 2018 project date will mean the City will not be able to take advantage of the improved efficiencies of the new program and will be subject to potential security vulnerabilities.

PROJECT #5

Project Name	Optical Character Recognition Software											
Project Type	Capital	Fund	21									
Department Finance & Technology - Division	Information Services	Costc	961									
Strategic Plan Category												
Project Priority	3. Medium											
Pre-Approval	Events (i.e Grand Opening)											
Contingency Included Below	Asset ID	\$	1,000	Information System fee Included Below	\$	2,000						
Project Management Fee Included Below	Communications Fee Included Below											
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$	1,200	Asset Replacement Provision (Project Total Divided by Useful Life)									
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services										
Communications/Civic Engagements resource required?	No											
Funding Sources:	2017	2018	2019	2020	2021	Total						
Council Strategic Priorities Reserve		15,000				15,000						
						-						
						-						
						-						
						-						
						-						
						-						
						-						
						-						
Total Costs	\$	-	\$	15,000	\$	-	\$	-	\$	-	\$	15,000

Project Description (Details & Comments)

When a document is scanned, the text in that document is not always recognized as searchable. When the document's text has not been recognized, one cannot search for the contents within the document.

Optical character recognition (OCR) is the conversion of images of typed, handwritten or printed text into machine-encoded text from a scanned document or a photo of a document. The proposed OCR software, scans the City's file repositories (network drives & RPM) and analyzes PDF documents. If the document does not have an OCR layer, it will scan the document, recognize the text and add an OCR layer of the text over top, enabling searches.

Once setup, this software will continuously monitor the City's file repositories and add the OCR text layer to each document ensuring all documents are always searchable in the future.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Searching for documents has been a frustration for both Staff and Council. With this software, every City document within the City's file repositories, will become searchable, including old Council minutes. Benefits for this project include: quicker, more accurate searches by Staff and Council, more accurate FOIPPA searches, other City software such as RPM become more usable. An alternative to this software would be to manually analyze every single electronic document in the file repositories and manually add the OCR layer. This would take one staff member endless hours to complete and would not ensure all future documents have the OCR layer. Not proceeding results in longer, less accurate search results. This project aligns with Council's strategic plan of Service Excellence.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #6

Project Name	Budget Software Implementation					
Project Type	Capital				Fund	21
Department Finance & Technology - Division	Information Services				Costc	961
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 2,000	Information System fee Included Below			\$ 5,000
Project Management Fee Included Below			Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		\$ 2,000	Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services				
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Unallocated	35,000					35,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000

Project Description (Details & Comments)

The City's budget process is a difficult and detail oriented process. In the past, the City utilized Excel spreadsheets and manually compiled the data. This process was very laborious and had a high potential of human error when transposing information.

Two years ago, the process was slightly changed with the Excel spreadsheets linking to a central database. However, the front end excel spreadsheets still need to be checked to ensure all of the information is passed onto the database. Furthermore, the information is not linked backed to the City's ERP system and still requires manual processes to enter all information.

Planner is an extension to the City's Agresso ERP system that was purchased in 2009. After a long implementation period, it was determined this system would create more problems that it would have solved. In recent years, the Planner product has been improved and the City has more resources to ensure the system is functioning correctly and is easy to use for staff.

This project would consist of consulting time from Unit 4 to customize planner to work with Information Services and Finance staff. We would also purchase the budget books experience pack to enhance the planner software above and beyond the initial product.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

The City's ERP (Agresso) already contains a budget software module, pre-approval is required to ensure this software is installed and configured before the start of the 2018 budget process in July 2017. Without pre-approval, this work would not be ready for the 2018 budget.

PROJECT #7

Project Name	Network Switch Replacement					
Project Type	Capital	Fund	21			
Department Finance & Technology - Division	Information Services	Costc	961			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID \$ 5,000	Information System fee Included Below			\$ 2,500	
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ 5,000	Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services				
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City		110,000				110,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000

Project Description (Details & Comments)
 The City's networking equipment was last replaced in 2007 and has served the City well, but is past due replacement. This project would include replace network switch equipment in City Hall, the Recreation Centre, Fire Hall 1 and the Public Works Yard. The project would include expert consulting with an outside vendor to ensure the new system is configured optimally. The work would require a complete shutdown of all City network services for up to 10 hours to complete the migration.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Changes in technology and the lack of redundancy puts the City risk of security threats and equipment failures, all network switching equipment must be replaced. Benefits will be a more secure, reliable, redundant network to protect the City's Information Technology assets. An alternative would be to maintain the current switches, however, age and new security threats put the City at risk. The expected life of new equipment is 8 years.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 New equipment would be more energy efficient.

PROJECT #8

Project Name	Virtual Server Replacement					
Project Type	Capital				Fund	21
Department Finance & Technology - Division	Information Services				Costc	961
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	No					Events (i.e Grand Opening)
Contingency Included Below	Asset ID	\$ 3,000				Information System fee Included Below \$ 2,000
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services				
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City				58,000		58,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 58,000	\$ -	\$ 58,000

Project Description (Details & Comments)
 Virtual servers deployed in 2016 will require replacement in 2020 as they will be obsolete. The project will replace the three core virtual servers, pay for consulting time, Information Services Staff time and other related equipment.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project provides for reliable service continuity of the City's core systems and services. It may be possible to extend server life by an additional year, but given that all City services are now processed on the same hardware cluster, an extension may add unacceptable risk of hardware failure.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The City's existing server cloud is fully virtualized, using 3 physical servers to host 80 virtual servers. This is a modern, green, sensible and sustainable way to deploy the City's servers. The current cloud server cluster significantly reduces the City's carbon footprint while providing a resilient, reliable & extendible processing platform for City services.

PROJECT #9

Project Name	Disk Array Replacement					
Project Type	Capital				Fund	21
Department Finance & Technology - Division	Information Services				Costc	961
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	No				Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	\$ 3,000			Information System fee Included Below	\$ 2,000
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	Yes Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City					65,000	65,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000

Project Description (Details & Comments)

The City's existing core disk array deployed in 2016 will require replacement in 2021 as it will be obsolete. The new disk size will depend in advances in cloud technology and may decrease as technology evolves.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Regular, planned replacement of key equipment is vital to ensure ongoing service reliability. This project plan directly aligns with Council's strategic plan to deliver excellent services and plan for the future. Disk usage may be extended for additional years, but this significantly increases the risks associated with declining reliability of older equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

The City's systems now use a single high-capacity disk appliance for 82 servers rather than separate disk arrays for each server. This is a highly efficient, cost-effective methodology which reduces costs and significantly lowers power consumption, thereby reducing the City's carbon footprint.

PROJECT #10

Project Name	Project Planning Software					
Project Type	Capital				Fund	21
Department Finance & Technology - Division	Information Services				Costc	961
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval	No					Events (i.e Grand Opening)
Contingency Included Below	Asset ID	\$ 3,000				Information System fee Included Below \$ 5,000
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$ 2,500					Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services				
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - City		30,000				30,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)

Purchase and implement a project management software that will be linked to our ERP system to track budgets. The project includes cost to purchase the software, hire consultants to implement and pay for staff resources to setup, configure and train on the system. The software is intended to track budgets, orders, and work completed. This will allow for quick and easy insight into the progress of budgets and ensure the accuracy of budget tracking.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary to create a uniform project management philosophy and tracking system across the City. Benefits include uniform project management techniques, integrated budget tracking and quick views into the progress of projects. This will help mitigate risks during staff changes and increase insight and cooperating between departments. By not proceeding with this project, we will continue to have disjointed project management practices, budget tracking will not be integrated and it will be a manual and difficult process to view project progress. This project aligns with Council's Strategic Plan goal of Service Excellence.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

This project will increase accountability and tracking of finances.

PROJECT #1

Project Name	Replace FR002 2007 GMC Yukon-Car #1 (Fire Chief's vehicle)					
Project Type	Capital	Fund	21			
Department Fire Rescue - Division	Fire Rescue	Costc	962			
Strategic Plan Category						
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below				Events (i.e Grand Opening)
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund	60,000					60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Project Description (Details & Comments)
 Replacement of current fleet vehicle. Replacement of Fire Chief's vehicle moved out to 2017 budget during 2016 budget cycle. Replacement of Car 3 (FR 017) more critical for this year.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

PROJECT #2

Project Name	Replace FR003 2010 Ford Expedition-Car #2 (Deputy Fire Chief's vehicle)					
Project Type	Capital	Fund	21			
Department Fire Rescue - Division	Fire Rescue	Costc	962			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				60,750		60,750
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 60,750	\$ -	\$ 60,750

Project Description (Details & Comments)
 Replacement of current fleet vehicle. Reflects industry recommended replacement cycle as identified in the City Strategic Fleet Review.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #3

Project Name	Replace FR017 2008 GMC Sierra Pickup-Car #3 (Deputy Fire Chief's vehicle)					
Project Type	Capital	Fund	21			
Department Fire Rescue - Division	Fire Rescue	Costc	962			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			65,000			65,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ 65,000

Project Description (Details & Comments)
 Replacement of current fleet vehicle. Reflects industry recommended replacement cycle as identified in the City Strategic Fleet Review.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #4

Project Name	Replace FR011 2011 Chevrolet Colorado Pick-up-Car #4 (Fire Prevention Officer Vehicle)					
Project Type	Capital				Fund	21
Department Fire Rescue - Division	Fire Rescue				Costc	962
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					40,000	40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000

Project Description (Details & Comments)
 Replacement of current fleet vehicle. Reflects industry recommended replacement cycle as identified in the City Strategic Fleet Review.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #5

Project Name	Replace FR016 2005 Polaris ATV					
Project Type	Capital			Fund	21	
Department Fire Rescue - Division	Fire Rescue			Costc	962	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				26,750		26,750
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 26,750	\$ -	\$ 26,750

Project Description (Details & Comments)
 Replacement of current fleet vehicle. ATV primarily used for the transport of equipment and personnel for wildland interface fires on access routes not designed for fire truck use.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #6

Project Name	Business Continuity Plan					
Project Type	Operating				Fund	11
Department	Fire Rescue - Division				Costc	574
Strategic Plan Category	Fire Rescue					
Strategic Plan Category	Service Excellence					
Project Priority	1. Council					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Emergency Measures	26,334					26,334
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 26,334	\$ -	\$ -	\$ -	\$ -	\$ 26,334

Project Description (Details & Comments)
 Business Continuity Plan as presented at the Closed Council Meeting on January 24, 2017.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 A Business Continuity Plan is essential to determine how the City would continue to deliver services after localized emergency situations.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification

PROJECT #1

Project Name	Automated materials handling system					
Project Type	Capital	Fund	21			
Department Library - Division	Library	Costc	963			
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID Yes	Information System fee Included Below				No
Project Management Fee Included Below	No	Communications Fee Included Below				No
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Nil	Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?	Yes	Please contact Steve Smith, Aidan Sheridan or Raman Braich for advice and assistance before budgeting for projects which may require computing equipment, software or networking services				
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Library Reserve	85,000					85,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 85,000

Project Description (Details & Comments)
 This project will fully automate operations associated with staff handling of the return and sorting of library materials. In addition, it will provide customer self serve check-in of returned library materials. When materials are returned via the automated return station, they will be instantly checked-in and a receipt printed for the customer. Returned materials will then move along a short conveyor belt for electronic sorting, by category, into bins. The system consists of an automated return station plus a 3 or 5 bin sorting system. This project is contingent upon reconfiguration of the interior of the library, which is part of the 2016 Library Renovation Project (CL116101). Information system resource requirements/costs are incorporated into CL116101.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project increases cost savings and enhances an existing asset (the integrated library management system). Benefits include: reduction in staff time/costs associated with returns handling; increased flexibility in scheduling staff; faster processing of returns to "shelf ready" state; and reduced risk of staff repetitive stress injury. From a customer perspective, key benefits include: self-service options expanded; and items instantly checked in/removed from their record with receipt. Consequences of not proceeding include: efficiencies and cost savings not achieved; ergonomic risk not reduced; and patron self-service options are not expanded. This aligns with the "Service Excellence" priority of the Council Strategic Plan by maximizing the efficiency and sustainability of business processes, and improving the utilization of equipment.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 This project has an impact on financial sustainability in terms of: efficiencies gained in staff time, and lowering exposure to ergonomic injury risk.

PROJECT #2

Project Name	Library Strategic Planning							
Project Type	Operating				Fund	11		
Department Library - Division	Library				Costc	594		
Strategic Plan Category	Service Excellence							
Project Priority	3. Medium							
Pre-Approval	No					Events (i.e Grand Opening)		
Contingency Included Below	Asset ID	No					Information System fee Included Below	No
Project Management Fee Included Below	No					Communications Fee Included Below	No	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	Nil					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?	No							
Communications/Civic Engagements resource required?	No							
Funding Sources:	2017	2018	2019	2020	2021	Total		
Council Strategic Priorities Reserve	15,000					15,000		
						-		
						-		
						-		
						-		
						-		
						-		
						-		
						-		
Total Costs	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000		

Project Description (Details & Comments)

The purpose of this project is to update the 2013 five year Library Strategic Plan which ends in 2017. The budget for this project will cover the cost of a consultant to: facilitate community input and engagement (e.g. focus groups); guide Library Board planning sessions; and subsequently assist with identifying themes and strategic directions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is necessary as the current Library Strategic Plan was created for a five year period which ends in 2017. This project aligns with the "Service Excellence" priority of Council's Strategic Plan by ensuring the Library has a strategic plan which is up-to-date, sustainable, responsive to community needs and aligned with Council priorities. These benefits will not be effectively achieved if the project does not proceed, as a consultant's expertise is needed to attain desired quality outcomes.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

For the library to allocate its limited resources wisely, it is important that an up-to-date strategic plan is in place.

PROJECT #1

Project Name	Cell Recording System					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police			75,000			75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000

Project Description (Details & Comments)
 Combines the Interview and In-Custody video recording system into a single system. Individually they would cost \$100,000. By combining the two systems we realize a savings of about \$25,000.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project is necessary as it is required by Provincial legislation.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 The impact is a \$25,000 savings every 5 years based on replacing a single combined system versus two separate systems.

PROJECT #2

Project Name	Computers New and Replacement					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police	27,300	27,300	27,300	27,300	27,300	136,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 27,300	\$ 27,300	\$ 27,300	\$ 27,300	\$ 27,300	\$ 136,500

Project Description (Details & Comments)
 New computers for employees to replace existing outdated computers.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Replace existing computers that are beyond useful life as per capital life cycle planning.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #3

Project Name	Replacement LAN Server					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police		-			75,000	75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000

Project Description (Details & Comments)
 To replace Utility server.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Information Technology equipment requires capital life cycle planning. . ☐
 All servers should be replaced every 4 to 5 years depending on function. This ensures that the integrity of police data is not compromised and remains available to all officers. ☐

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #4

Project Name		Replacement Laptops for Police Cars				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police	19,200	19,200	19,200	19,200	19,200	96,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 19,200	\$ 19,200	\$ 19,200	\$ 19,200	\$ 19,200	\$ 96,000

Project Description (Details & Comments)
 Laptops for police cars.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Recommended that workstations are on a 3 year life cycle, 1/3 being replaced each year ☐
 This system should be put on a 3 ½ year strategic replacement plan to ensure that data is not lost due to obsolete equipment. ☐

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #5

Project Name		Replacement of Photocopiers and Printers				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police			18,000			18,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 18,000	\$ -	\$ -	\$ 18,000

Project Description (Details & Comments)
 Replace outdated photocopiers and printers. ☒

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Replace existing printers and photocopiers that have past their useful life as per the capital life cycle planning. ☒
 It is recommended that the printers be replaced every 3 years as the printers will be past their useful life expectancy. ☒

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #6

Project Name	Software Upgrade					
Project Type	Capital	Fund	21			
Department	Police - Division	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police			33,000			33,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 33,000	\$ -	\$ -	\$ 33,000

Project Description (Details & Comments)
 Periodically (4-5 Years) software is required to upgraded. These upgrades usually happen all at once so that people are still able to communicate electronically.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The project is required as software requires upgrading every 4 to 5 years so that we can exchange documents with other organizations and businesses. The consequences of not proceeding is we will not be able to communicate electronically with anyone. If we do upgrade the software without purchasing it we will be committing copyright infringement.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #7

Project Name	Telephone System - VOIP					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police	50,000		-			50,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Project Description (Details & Comments)
 A replacement IP telephone system for current IP system. Includes phones, user licenses and voice mail

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Cisco will end of life current system August 2017, will be no support. Therefore new system must be purchased in 2017.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #8

Project Name	Telephone Router					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police			5,000			5,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000

Project Description (Details & Comments)
 A router that connects our IP phone system to the outside POTS service, allowing external calls to be made to and from our IP phone system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To replace the current telephone rour which will be at the end of its useful life.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #9

Project Name	Covert Laptop					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police		6,000				6,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 6,000	\$ -	\$ -	\$ -	\$ 6,000

Project Description (Details & Comments)
 Laptop required for covert surveillance

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Laptop was last replaced in 2012. Need to access PRIME.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #10

Project Name	Forensic Light					
Project Type	Capital			Fund	21	
Department Police - Division	Police			Costc	966	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police				27,000		27,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 27,000	\$ -	\$ 27,000

Project Description (Details & Comments)
 Main light source for Exhibits

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Internal fan used to cool system is faltering. Purchase would currently be in USD at approx \$20,000

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #11

Project Name	Approved Screening Device Replacement					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police			11,500			11,500
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 11,500	\$ -	\$ -	\$ 11,500

Project Description (Details & Comments)
 Replacement of Approved Screening Devices. Current ASD's will reach end of life and will be subject to higher repair frequency and cost. The Province is mandating a standard device.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To meet Provincial and Federal guideleines of standardizing devices. To replace aging equipment that is prone to malfunction and higher repair costs.C1988

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #12

Project Name	External Hard Armor					
Project Type	Capital			Fund	21	
Department Police - Division	Police			Costc	966	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police			16,500	23,500		40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 16,500	\$ 23,500	\$ -	\$ 40,000

Project Description (Details & Comments)
 To provide PMPD Rifle operators with hard armor plates, external carriers, ballistic helmets, applicable equipment and a carrying bag \$1,626 per unit. Plates require replacement after 5 years.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Qualified patrol rifle operators deploy the PMPD G36 Patrol Rifle. With the ability to deploy these rifles, members are expected to be able to respond appropriately to high risk calls where weapons may be present. This armor will protect the wearer from high powered rifle fire.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #13

Project Name	Replace PO097 Dodge Caravan					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			38,000			38,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 38,000	\$ -	\$ -	\$ 38,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings.
A 20 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #14

Project Name		Replace PO088 Toyota Tacoma				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			60,000			60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings.
A 20 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #15

Project Name	Replace PO102 Motorcycle					
Project Type	Capital			Fund	21	
Department Police - Division	Police			Costc	966	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				30,000		30,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ 30,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. A 20 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #16

Project Name	Replace PO090 - Dodge Charger					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				53,000		53,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 53,000	\$ -	\$ 53,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #17

Project Name		Replace PO087-2014 Ford Explorer and Equipment				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			55,000			55,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ 55,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. A 10 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #18

Project Name	Replace PO101 - Dodge Ram Pickup					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				45,000		45,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ 45,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #19

Project Name	Replace PO105 - Dodge Ram					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				50,000		50,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #20

Project Name	Replace PO103 - Dodge Charger					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				53,000		53,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 53,000	\$ -	\$ 53,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #21

Project Name	Replace PO100 - Dodge Charger					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund				53,000		53,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 53,000	\$ -	\$ 53,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #22

Project Name Replace PO091-2013 Ford Explorer and Equipment						
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			55,000			55,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ 55,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. A 10 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #23

Project Name		Replace PO092-2013 Dodge Charger and Equipment				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			53,000			53,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 53,000	\$ -	\$ -	\$ 53,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. A 10 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #24

Project Name	Replace PO093-Dodge Charger and Equipment					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			53,000			53,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 53,000	\$ -	\$ -	\$ 53,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. A 10 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #25

Project Name		Replace PO089 2014 Dodge Charger				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			53,000			53,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 53,000	\$ -	\$ -	\$ 53,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings. A 10 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #26

Project Name		Replace PO095 Chevy Tahoe				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval	Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund			66,000			66,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 66,000	\$ -	\$ -	\$ 66,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings.
A 20 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #27

Project Name	Replace PO086 2016 Dodge Durango					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					50,000	50,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000

Project Description (Details & Comments)

The condition of the Police fleet is constantly being reviewed as high kilometres and general condition can lead to increased maintenance costs. Because of the nature and use, vehicle safety is of the utmost concern. From the time the capital budget is approved to the time the process is complete, the conditions of specific vehicles allocated for disposal may change. The department continues to recycle patrol vehicle through the department in other functions.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Police fleet is part of capital life cycle planning. Plan extends life of some fleet vehicles resulting in financial savings.
A 20 year plan is developed. Ensures safety to police officers and public to meet emergency service standards.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #28

Project Name	PO104 Boat Trailer					
Project Type	Capital				Fund	21
Department Police - Division	Police				Costc	966
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Equipment Replacement Reserve Fund					11,000	11,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 11,000	\$ 11,000

Project Description (Details & Comments)
 Trailer for boat used for lake patrol

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #29

Project Name		Replacement of UPS Batteries				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval			Events (i.e Grand Opening)			
Contingency Included Below	Asset ID		Information System fee Included Below			
Project Management Fee Included Below			Communications Fee Included Below			
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)			Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police					12,740	12,740
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 12,740	\$ 12,740

Project Description (Details & Comments)
 Replacement every 5 years. Batteries condition and maintain power for power outage events.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Useful life is 5 years

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #30

Project Name	Telephone Infrastructure					
Project Type	Capital				Fund	21
Department Police - Division	Police				Costc	966
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police					14,200	14,200
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 14,200	\$ 14,200

Project Description (Details & Comments)
 Network infrastructure for connecting phone server to the network. 10 year life.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 For connection of desk phones to the server.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #31

Project Name	DNA Fridge					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police	15,000					15,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000

Project Description (Details & Comments)
 A reliable ultra low freezer unit to store biological samples for long term. These are exhibits for cases. This unit has a 5 year warranty.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The current freezer was manufactured in 1983 and operates on an old compressor which we can no longer find replacement parts for.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #32

Project Name	IT Backup					
Project Type	Capital			Fund	21	
Department Police - Division	Police			Costc	966	
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police				60,000		60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000

Project Description (Details & Comments)
 Network backup solution.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Part of disaster recovery plan.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #33

Project Name	Cell Phone Forensic Triage					
Project Type	Capital				Fund	21
Department	Police - Division				Costc	966
Strategic Plan Category	Service Excellence					
Project Priority	0. Pre-Approved					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)	\$	4,030	Asset Replacement Provision (Project Total Divided by Useful Life)			
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Equipment - Police	15,600					15,600
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 15,600	\$ -	\$ -	\$ -	\$ -	\$ 15,600

Project Description (Details & Comments)
 Start up equipment for cell phone forensic triage. Electro magnetic frequency blocking box and software and hardware (Cellibrite) for cell phone blocking

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Allows in house investigative tool. Previously using outside police agencies. Will allow us to access the rcmp tech crime unit resources. Also it will be used for other investigations as well as high profile investigations. Allows control over timeliness of investigation and effective cost control using a currently employed in house special constable.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 In house investigation allows for more timely, cost effective and quality controlled investigations. We currently access outside agencies for this service so having this facility in house will save paying other police agencies. It also will allow us to use this technology on other files where it may currently be cost prohibitive to contract the service allowing for better investigation.

PROJECT #34

Project Name		Specialized Training for members					
Project Type	Operating	Fund				11	
Department Police - Division	Police	Costc				684	
Strategic Plan Category	Service Excellence						
Project Priority	2. High						
Pre-Approval		Events (i.e Grand Opening)					
Contingency Included Below	Asset ID	Information System fee Included Below					
Project Management Fee Included Below		Communications Fee Included Below					
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)					
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Future Operating		16,000					16,000
							-
							-
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ 16,000

Project Description (Details & Comments)
 Courses to train a new use of force instructor (Weistra). Specialized collision courses to train a new specialist for the Department. Other specialized training as needed.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Cost effective to have this specialized training in house.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #35

Project Name	Ammunition					
Project Type	Operating				Fund	11
Department Police - Division	Police				Costc	684
Strategic Plan Category						
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below						Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Future Operating	20,000					20,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Project Description (Details & Comments)

One time purchase of ammunition. Global events dictate the timeliness and supply of ammunition. This purchase would compensate for these factors.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #36

Project Name	Organizational Development					
Project Type	Operating				Fund	11
Department Police - Division	Police				Costc	684
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Future Operating	16,500					16,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ 16,500

Project Description (Details & Comments)
 Learning opportunities that would allow enhanced training in the areas of Records, Ctital Incident Scribing, IT and Leadership and Diversity.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 To continue to value our staff through enhanced training

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #37

Project Name	Door Security					
Project Type	Capital	Fund	21			
Department Police - Division	Police	Costc	966			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	No	Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Future Operating	55,000					55,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000

Project Description (Details & Comments)
 The original building locks for the building are failing and require replacement. This project continues replacing the remaining doors under the old system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Ensures personnel can access their offices and other secure areas of the building. The new system improves security and provides an audit trail of door access. If a card is lost it can be deactivated in minutes and replaced quickly and easily with minimal expense. This system minimally uses personnel resources as well.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #38

Project Name		Next Generation Radio System Equipment				
Project Type	Capital	Fund				21
Department Police - Division	Police	Costc				966
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Emerg-Ecomm Police Reserve	60,928					60,928
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 60,928	\$ -	\$ -	\$ -	\$ -	\$ 60,928

Project Description (Details & Comments)
 Replacement of E-Comm's radio system - known as the Next Generation Radio Program (NGRP).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The new radios will provide greater safety features for first responders and be more effective and durable.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 As approved at FC March 21, 2017

PROJECT #1

Project Name	loco Rd Improvements (Construction)					
Project Type	Capital				Fund	22
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 10,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
MRN Pavement Rehab Reserve					750,000	750,000
Sewer Capital Reserve					900,000	900,000
Water Capital Reserve					1,100,000	1,100,000
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 2,750,000	\$ 2,750,000

Project Description (Details & Comments)
 This project is part of planned multi-utility road, sewer, drainage, and watermain replacements along the loco Corridor...work will need to be done in phases to Pre-design (to be completed 2017) will consider road safety alignments, pedestrian access, and lighting, and possible undergrounding of 3rd party utilities. Project to be phased to 3 sections of work: April Road to First Ave (could be some scope overlap with loco Low pressure siphon) (2021); Knowle St. to Old Orchard Park (2022); Old Orchard Park to April Road (2023)

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Project will allow for phased improvements to municipal utility assets, and improve safety for vehicles, pedestrians and cyclists along the loco Road Corridor.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Environmental approvals for culverts, invasive species, tree removal

PROJECT #2

Project Name	Sanitary and Drainage Renewal - City Hall					
Project Type	Capital	Fund	22			
Department Sewer & Drainage - Division	Sewer & Drainage	Costc	967			
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve		50,000	250,000			300,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 50,000	\$ 250,000	\$ -	\$ -	\$ 300,000

Project Description (Details & Comments)
 Complete a CCTV condition inspection of sanitary and storm mains. Replace or repair pipe as required based on CCTV data.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Existing sewer and drainage systems at City Hall require replacement. Higher maintenance costs are currently incurred to flush lines and ensure the continued performance of the sewer. It is anticipated to replace these systems in line with pending capital improvements and renewals of the building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #3

Project Name	Sanitary Sewer Study - North Shore Phase 2 I&I					
Project Type	Operating				Fund	12
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	814
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 50,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve			150,000	150,000	150,000	450,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 450,000

Project Description (Details & Comments)

To complete a condition assessment and to develop a sewer rehabilitation and replacement implementation plan for the North Shore. The project phasing is based on the North Shore Sanitary Sewer Inflow and Infiltration - Phase 1 Study, completed by KWL in 2012 and I&I rate vs sanitary age for the catchments. The phasing is:
 Year 1 - loco Cleansing Pump Station, Site 1, Site 4 & Site 6 (High and medium)
 Year 2 - Remaining medium priority group - Site 2, Site 3, Site 7
 Year 3 - Low Priority Sites (may defer depending on age of asset)

Priority deferred to 2019, as loco Corridor and Forcemain/foreshore condition assessment work take care of many of the priority catchment areas. C329

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

To complete a condition assessment of the sanitary system, to understand the current condition, develop a rehabilitation program, and to comply with Metro Vancouver's Liquid Waste Management Plan. Condition assessment should inform what work should be completed as a trenchless rehab project, and what trenched/pipe bursting work should be completed as part of other utility upgrades and service lateral replacement.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

N/A

PROJECT #4

Project Name	Gatensbury Drive (Grant St to Coquitlam/City Limit)					
Project Type	Capital	Fund	22			
Department Sewer & Drainage - Division	Sewer & Drainage	Costc	967			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation	15,000	500,000				515,000
Asset Reserve - Unallocated		529,296				529,296
Sewer Capital Reserve	15,000	850,612				865,612
Water Capital Reserve	15,000	850,612				865,612
						-
						-
						-
						-
						-
Total Costs	\$ 45,000	\$ 2,730,520	\$ -	\$ -	\$ -	\$ 2,775,520

Project Description (Details & Comments)
 Road (geometrics/sidewalks), storm drainage, and watermain improvements

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Gatensbury Drive is a critical pedestrian, cycling, and vehicle route connecting the Moody Centre area to other community road networks (Como Lake Road/Coquitlam). This road experiences frequent accidents where vehicles leave the roadway, and does not have adequate pedestrian facilities (sidewalks). Canada Post has expressed concern with mail delivery along this corridor (impacting door-to-door service).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #5

Project Name	Alderside Lift Station Standby Genset					
Project Type	Capital				Fund	22
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	967
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	19,500					19,500
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 19,500	\$ -	\$ -	\$ -	\$ -	\$ 19,500

Project Description (Details & Comments)
 Installation of a permanent standby generator for the Alderside Lift Station.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 A standby generator is required to minimize the potential of the wet well overflowing to the environment during a power failure event.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Potential environmental risk if a sewer overflow were to occur during a power outage.

PROJECT #6

Project Name	Ioco Lift Station Improvements-Sump Pump					
Project Type	Capital	Fund	22			
Department Sewer & Drainage - Division	Sewer & Drainage	Costc	967			
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	20,000					20,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Project Description (Details & Comments)
 Addition and installation of a hatch and guide rails for the sump pump at this location. This pump needs to be visually inspected and maintained twice per annum, but, due to the current configuration the pump is only pulled if there is an issue or concern.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Currently there is no easy way of pulling and maintaining the sump pump for the station, the current ladder is in the way of the pump and there are no guide rails therefore an Operator has to enter the confined space to manually reinstall the pump (4.5m down).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #7

Project Name		Inspection Camera for Sewer Main Lines				
Project Type	Capital	Fund				22
Department Sewer & Drainage - Division	Sewer & Drainage	Costc				967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	78,000					78,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ 78,000

Project Description (Details & Comments)
 Closed circuit television (CCTV) is an effective tool and common method for inspecting pipes/sewers. It provides visual data on leaks, inflow, infiltration, location of service laterals and sediment and debris accumulation to assist with maintenance, design and to identify long and short term needs of the underground wastewater/stormwater collection system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 A CCTV inspection camera would help with asset management condition assessments for wastewater/storm sewers.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #8

Project Name	Rainfall Monitoring					
Project Type	Capital				Fund	22
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	967
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	38,000					38,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 38,000	\$ -	\$ -	\$ -	\$ -	\$ 38,000

Project Description (Details & Comments)

Most municipal infrastructure has been designed on the premise that the current climate is stationary and the historical data can be effectively used to predict future design needs. The purpose of rainfall monitoring is to obtain data to compare variations of rainfall intensity, total volume and rate per event and duration per event for the purpose of identifying inflow, system capacity and areas of excessive I/I. Rainfall data can be obtained by installing rain gauges in various areas of the city.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

To asses the climate change impact on municipal infrastructure, rain gauges should be installed to monitor rainfall.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Rainfall data would allow for ongoing data collection (climate change statistics).

PROJECT #9

Project Name	Sewer - Non Linear Isolation Procedures					
Project Type	Operating				Fund	12
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	814
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	8,250					8,250
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ 8,250

Project Description (Details & Comments)
 Development of Worksafe compliant documentation for confined space isolation and entry documentation for sanitary Lift stations-5 sites in total.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This documentation will support safe work procedures development.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #10

Project Name		Drainage Improvements - North Shore Culverts (CPR & Foreshore) - Replace & Rehab				
Project Type	Capital	Fund				22
Department Sewer & Drainage - Division	Sewer & Drainage	Costc				967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval						Events (i.e Grand Opening)
Contingency Included Below	Asset ID					Information System fee Included Below
Project Management Fee Included Below						Communications Fee Included Below
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	45,000	150,000	570,000	290,000		1,055,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 45,000	\$ 150,000	\$ 570,000	\$ 290,000	\$ -	\$ 1,055,000

Project Description (Details & Comments)

This project is intended to address drainage assets that are at risk of failure within the foreshore (Alderside/North Shore/CP rail corridor) area. Work will need to be integrated with planned improvements within the loco Road corridor (these drainage assets receive drainage from that area).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Work planned under this project will receive drainage from loco Road storm system (planned for renewal); these assets also convey drainage through the CPR rail corridor, and ultimately discharge to the Alderside foreshore area. Failure to repair/replace may result in increased level of risk (due to erosion, slope failure/undermining of assets/properties).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

May require environmental permits (water act) for culvert work in fish bearing streams, may require vegetation/tree removal in difficult to access areas (work may not be feasible otherwise)

PROJECT #11

Project Name	Drainage Improvements - North Shore Storm System - Trenchless Repair					
Project Type	Capital				Fund	22
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve					35,000	35,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000

Project Description (Details & Comments)

Project is intended to implement trenchless (limited excavation) repair methods to rehabilitate storm sewer assets (work would be integrated with future loco Road improvements). Focus on non-CPR/non-Foreshore culverts and other storm assets which are tributaries to or receive flow from loco Road Culverts. Work will be done in phases, starting with initial planning in 2021, with work continuing between 2022-2024. Will need to be integrated with planned improvements (TBD) along the loco Road corridor.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Work planned under this project will receive drainage from loco Road storm system (planned for renewal); these assets also convey drainage through the CPR rail corridor, and ultimately discharge to the Alderside foreshore area. Failure to repair/replace may result in increased level of risk (due to erosion, slope failure/undermining of assets/properties).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Depending on storm system location, may need to work within fisheries window.

PROJECT #12

Project Name	Shoreline Trail Sanitary Sewer (Gravity Sewer Repair & Renewal)					
Project Type	Capital	Fund	22			
Department Sewer & Drainage - Division	Sewer & Drainage	Costc	967			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	75,000	1,500,000				1,575,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 75,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ 1,575,000

Project Description (Details & Comments)

This project is part of a phased plan to address infrastructure deficiencies within the North Shore Sanitary Network. Work must be undertaken to ensure there is no conflict with future upgrades to loco Low Pressure Siphon. May incorporate diversion/emergency storage systems from loco Siphon. May require completion on flow monitoring in 2017. Initial work is expected to start 2017/2018, with subsequent system work planned for 2022/2023.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The gravity main that parallels the North Shore forcemain was intended to be able to accommodate sanitary flows from the North Shore during a shut down. This gravity main also carries significant flow from residential areas and has been identified as having substantial defects. Defects alone require approximately \$90k of repairs. This main is nearing the end of its service life, and is impacted by downstream drainage issues (bottleneck at the Noons Creek siphon tends to back up flow due to poor weir performance).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

May have some creek crossings, may have some impact to trees (eg. removals required) depending on the selected alignment and rehab method.

PROJECT #13

Project Name	Ioco Low-Pressure Sanitary Siphon (Twinning, Renewal & Emergency Bypass)					
Project Type	Capital	Fund	22			
Department Sewer & Drainage - Division	Sewer & Drainage	Costc	967			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve		400,000		86,000	1,300,000	1,786,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 400,000	\$ -	\$ 86,000	\$ 1,300,000	\$ 1,786,000

Project Description (Details & Comments)

This project is part of a broader strategy for addressing system deficiencies for the North Shore sanitary sewer service area. Improvements to this sanitary sewer siphon are necessary to provide for emergency maintenance bypass, infrastructure renewal, and increased capacity.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The gravity main that parallels the North Shore forcemain is supposed to be able to accommodate sanitary flows from the North Shore during a shut down. The condition and capacity of the gravity main need to be assessed in order to determine if the gravity main can be utilized as a bypass. Consequence of not proceeding: unable to bypass the forcemain for maintenance or due to an emergency.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Significant potential for environmental concerns should this main fail.

PROJECT #14

Project Name		Storm Intake Replacement - Suterbrook Creek at Fraser Street				
Project Type	Capital	Fund				22
Department Sewer & Drainage - Division	Sewer & Drainage	Costc				967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	25,000					25,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Project Description (Details & Comments)
 Replacement of existing storm intake.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Has reached end of service life. Mitigates flood hazard. Reduces barriers to fish passage. Potential liability issues - high flood risk.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Pre-Approval Justification
 Pre-approval is required in order to coordinate works around fisheries windows for construction.

PROJECT #15

Project Name		Sanitary - Sewer Repair Program - Glenayre/Seaview/College Park - K2, H, B - Trenchless					
Project Type		Capital			Fund	22	
Department Sewer & Drainage - Division		Sewer & Drainage			Costc	967	
Strategic Plan Category		Service Excellence					
Project Priority		2. High					
Pre-Approval		No			Events (i.e Grand Opening)		
Contingency Included Below		Asset ID			Information System fee Included Below		
Project Management Fee Included Below					Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Sewer Capital Reserve		50,000	75,000	135,000	130,000	350,000	740,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 50,000	\$ 75,000	\$ 135,000	\$ 130,000	\$ 350,000	\$ 740,000

Project Description (Details & Comments)

This project will include trenchless sewer rehabilitation for select areas (Glenayre/Seaview/College Park). Work will be completed in phases, starting with initial design (2017) and continuing with implementation in 2018-2021.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Implementing trenchless repairs (sewer lining) will help to reduce effects of inflow/infiltration of groundwater in the local sewer networks. Implementing sewer maintenance strategies will allow conformance with Metro Vancouver's Liquid Waste Management Plan.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Maintaining sewer assets will help avoid potential environmental impacts (sewer overflows/leakage).

PROJECT #16

Project Name	Civil Works Construction - Minor Projects					
Project Type	Capital				Fund	22
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	150,000	150,000	150,000	150,000	150,000	750,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000

Project Description (Details & Comments)
 This program was initiated in 2016, and provides funding/resources for Public works (operations) civil works crew (4 staff) to undertake capital improvements throughout the year.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Through the MSA it was identified that a dedicated civil construction crew was required to complete planned maintenance and capital improvements works. This funding serves as a component for financing the civil construction crew.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Proactive improvements to sewer and drainage systems will help to mitigate potential environmental concerns (sewer overflows/leaks).

Pre-Approval Justification
 The civil works construction crew will continue to operate throughout the year on planned projects and will therefore need continuity of funding from 2016-2017.

PROJECT #17

Project Name		Asset Management - Sewer & Drainage				
Project Type	Capital	Fund				22
Department Sewer & Drainage - Division	Sewer & Drainage	Costc				967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 20,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	100,000	100,000	100,000	100,000	100,000	500,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

Project Description (Details & Comments)
 This project creates provisional funds for unexpected emergencies, such as sewermain breaks and drainage/slope stability concerns, which arise annually.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Objective: To repair or replace culverts along loco Rd that were identified in the condition assessment
 Priority: Based on the condition assessment and if possible should coincide with water main replacement
 Consequence of not proceeding: culvert failures

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Proactive improvements to sewer and drainage systems will help to mitigate potential environmental concerns (sewer overflows/leaks).

Pre-Approval Justification
 Requirements to provide assessment to failed infrastructure and respond to issues on emergency basis may occur at any time of the year. Funding should be available to ensure work can be performed in a timely manner.

PROJECT #18

Project Name	Avalon Road (Sanitary Sewer Repairs)					
Project Type	Capital				Fund	22
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	967
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 10,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	430,000					430,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 430,000	\$ -	\$ -	\$ -	\$ -	\$ 430,000

Project Description (Details & Comments)
 This project will allow for the rehabilitation of a sanitary sewer main that services the Avalon Drive area. The scope of work includes a combination of point repairs and cast-in-place pipe.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The sanitary main along Avalon Drive has significant areas of settlement (ponding) and has structural defects that require immediate repair.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 There are a number of trees which may need to be removed in order to perform the retaining wall work and to protect the long term integrity of the asset. There is some current severe root intrusion at the easternmost extents of the sewer line as well as select points along the alignment.

Pre-Approval Justification
 Pre-approval is required to ensure that early works, including tree removal, can be carried out in the appropriate season.

PROJECT #19

Project Name		Environmental Investigation & Response - Drainage Systems					
Project Type		Operating			Fund	12	
Department Sewer & Drainage - Division		Sewer & Drainage			Costc	814	
Strategic Plan Category		Service Excellence					
Project Priority		2. High					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID				Information System fee Included Below	
Project Management Fee Included Below						Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Sewer Capital Reserve		25,000	25,000	25,000	25,000	25,000	125,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Project Description (Details & Comments)

Throughout the year the City's creek systems (which act as a significant conveyance for the City storm drainage) are affected by run-off contamination and pollutants from many possible sources. This account will provide emergency resource for source control and cleanup as required.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Responding to in-stream contamination pollutants in a timely manner is essential for the preservation of the environment and fish habitat.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Failure to respond in a timely manner to environmental in-stream issues would not meet expectations of the community and service levels.

Pre-Approval Justification

In-stream contamination issues can arise at any time and are certainly more common through winter months. Funding should be available from January 2017 to ensure continuity of work as required.

PROJECT #20

Project Name	Drainage Assessment - Adaptive Management Framework					
Project Type	Operating				Fund	12
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	814
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	50,000	50,000	50,000	50,000	50,000	250,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000

Project Description (Details & Comments)

Under the provisions of Metro Vancouver's Integrated Liquid Waste and Resource Management Plan (ILWRMP), member municipalities are required to have Integrated Stormwater Management Plans (ISMP's) in-place for streams and watercourses within their respective municipal boundaries by 2014. Where a plan has not been established, municipalities are required to undertake a water-quality monitoring program to establish baseline data for the watershed area. This work must conform to Metro Vancouver's "Adaptive Management Planning Framework" protocol.

While the City has completed and developed a number of ISMP's over the last 3-4 years, this program is necessary for those watersheds that do not currently have an ISMP in-place (predominantly areas along the north shore of Burrard Inlet).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The project is required as a component of Integrated Stormwater Management Plans and reporting requirements to Metro Vancouver.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Monitoring and controlling the quality of the City's watersheds and drainage systems is an important component of environmental management.

PROJECT #21

Project Name	Rights-of-Way Assessment					
Project Type	Operating				Fund	12
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	814
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 10,500				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	90,000	60,000	60,000	60,000	60,000	330,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 90,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 330,000

Project Description (Details & Comments)
 The City has numerous areas where municipal utilities extend through private land holdings. This program is intended to inventory areas where rights-of-way/easement concerns exist, and develop strategies to secure rights-of-way for municipal utility assets.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Having legal rights-of-way for our municipal utility networks will protect our ability to access and maintain that infrastructure. Where municipal utilities are not within rights-of-way or easments, there is significant exposure to risk.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #22

Project Name		Asset Management - CCTV Inspection and GPS Locates					
Project Type		Operating			Fund	12	
Department Sewer & Drainage - Division		Sewer & Drainage			Costc	814	
Strategic Plan Category		Service Excellence					
Project Priority		2. High					
Pre-Approval		Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below		Asset ID				Information System fee Included Below	
Project Management Fee Included Below						Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)						Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Sewer Capital Reserve		60,000	60,000	60,000	60,000	60,000	300,000
							-
							-
							-
							-
							-
							-
							-
Total Costs		\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000

Project Description (Details & Comments)
 Complete CCTV inspection and GPS locates of key assets. Verify locations, sizes, material, slope and condition. Prioritize through previous study directives as well as age of pipe and absence of condition data (eg. North Shore and Catchment A, J, K1) Priority assets include storm and sewer infrastructure that service large catchment areas or where development may be occurring in the near future. Work to proceed by catchment area or street to keep data collection in easy to track sequence. Update GIS as required. Utilize on-call CCTV RFP.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Identifying current condition of critical utility infrastructure is an important part of risk management within the total asset management portfolio of utilities.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Better information on utility assets will allow for pro-active system maintenance (avoiding sewer overflow/leaks).

Pre-Approval Justification
 Camera inspections during winter (wet weather) season helps provide greater information and understanding where in-flow and infiltration (I&I) exists on sewer system networks.

PROJECT #23

Project Name	Sanitary Sewer Flow Monitoring (various areas)					
Project Type	Operating				Fund	12
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	814
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	55,000	55,000	55,000	55,000	55,000	275,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000

Project Description (Details & Comments)

Flow monitoring will allow for more accurate assessment of system capacity issues (will assist with calibration of sewer models).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

This ongoing program will provide better information to support future capital project decisions.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Better understanding of sewer flows will allow for more pro-active system maintenance (avoid sewer over-flows/leaks).

Pre-Approval Justification

Flow monitoring during the winter (wet weather) season results in more robust information and understanding of flow in sewer system networks during peak flow seasons.

PROJECT #24

Project Name	Flow Monitoring Program in MV trunk sewers					
Project Type	Operating				Fund	12
Department Sewer & Drainage - Division	Sewer & Drainage				Costc	814
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve	11,100					11,100
TBD	19,400					19,400
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 30,500	\$ -	\$ -	\$ -	\$ -	\$ 30,500

Project Description (Details & Comments)

Work will include flow monitoring/data collection for the receiving sanitary sewer system to support decisions on development applications (part of DCC).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Flow monitoring will help determine available capacity in the receiving sanitary sewer system. It is anticipated that this flow monitoring data would assist staff in developing and calibrating sewer models for the City. Proposed per DCC Technical Memo by KWL - 2016. See report for details.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Understanding peak system flows would reduce potential for system overflows (reducing environmental impacts).

PROJECT #25

Project Name		Flow Monitoring Program in Port Moody Trunk Sewers				
Project Type	Operating	Fund				12
Department Sewer & Drainage - Division	Sewer & Drainage	Costc				814
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve		6,660				6,660
TBD		11,640				11,640
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 18,300	\$ -	\$ -	\$ -	\$ 18,300

Project Description (Details & Comments)
 Work will include flow monitoring/data collection for the receiving sanitary sewer system to support decisions on development applications (part of DCC).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Flow monitoring will help determine available capacity in the receiving sanitary sewer system. It is anticipated that this flow monitoring data would assist staff in developing and calibrating sewer models for the City. Proposed per DCC Technical Memo by KWL - 2016. See report for details.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Understanding peak system flows would reduce potential for system overflows (reducing environmental impacts).

PROJECT #1

Project Name	Area Metering					
Project Type	Capital				Fund	23
Department Water - Division	Water				Costc	968
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 20,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve				100,000		100,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Project Description (Details & Comments)

This project will allow for the installation of meters at each drinking water zone within existing PRVs/Pumpstations or constructed chambers.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

This project will allow for better understanding of water consumption, water loss and provide better management of the drinking water system (identify areas with high water losses).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Improved understanding of consumption rates will allow for more pro-active system maintenance (conservation of water resources).

PROJECT #2

Project Name	Watermain Condition Assessment - Highridge PS to Chestnut PS					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 5,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	50,000					50,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Project Description (Details & Comments)
 This project will determine the condition of the 500 mm Ductile Iron watermain (and gate valves) from Highridge Pump Station to Zone V (Chestnut) Pump Station.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This watermain (installed in 1979) forms a key component of the local water distribution network. The consequence of failure for this water main is high.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Better understanding of the condition of our municipal utilities will allow for more pro-active maintenance (water conservation).

PROJECT #3

Project Name	Buckingham Drive (Watermain Replacement - Windsor to Guildford /Project No 12)					
Project Type	Capital	Fund	23			
Department Water - Division	Water	Costc	968			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 20,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve					45,000	45,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000

Project Description (Details & Comments)
 This project is part of our strategic improvement strategy (Project #12, Master Water Distribution System Study - Earth Tech, 2006 - Buckingham Drive from Windsor to Guildford) for watermain assets. Work will be completed in two phases (design 2021, construction 2022).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This asset is approaching the end of its expected service life. Consequence of not proceeding: increased maintenance cost, increased number of main breaks.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #4

Project Name	Glencoe Drive (Dundonald to Metro Supply Main - Watermain Replacement/Project No 16)					
Project Type	Capital				Fund	23
Department Water - Division	Water				Costc	968
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 20,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve			60,000	695,000	670,000	1,425,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 60,000	\$ 695,000	\$ 670,000	\$ 1,425,000

Project Description (Details & Comments)
 This project is part of our strategic improvement strategy (Project #16, Master Water Distribution System Study - Earth Tech, 2006) for watermain assets. Pipe is approaching end of its asset lifecycle, and forms a key component of overall distribution system improvements (pressure control and fire flow) for the Glenayre/College Park neighbourhood area.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This watermain asset is a critical part of the water distribution system within this service area. This asset is nearing its expected lifecycle for replacement. Consequence of not proceeding: Increased maintenance costs, increased number of main breaks, loss of system integrity.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 This project will address water loss concerns in the Glenayre/College Park area (water conservation).

PROJECT #5

Project Name		Asset Management - Water System					
Project Type	Capital	Fund				23	
Department Water - Division	Water	Costc				968	
Strategic Plan Category	Service Excellence						
Project Priority	2. High						
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)		
Contingency Included Below	Asset ID				Information System fee Included Below		
Project Management Fee Included Below	\$ 5,000				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?							
Communications/Civic Engagements resource required?							
Funding Sources:		2017	2018	2019	2020	2021	Total
Water Capital Reserve		100,000	100,000	100,000	100,000	100,000	500,000
							-
							-
							-
							-
							-
							-
							-
							-
Total Costs	\$	100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

Project Description (Details & Comments)
 This project creates funding for emergency investigations, asset management planning, and minor works associated to the city water system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Each year the requirement for analysis and investigation to undefined scopes is necessary. The amount of work cannot be quantified so this budget is estimated to cover unanticipated work throughout the year.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Pro-active response to potential environmental issues.

Pre-Approval Justification
 Investigation to water main failure or damage can occur anytime therefore funding should be readily available throughout the year.

PROJECT #6

Project Name		Fire Hydrant Improvements - Stortz Adaptor Program				
Project Type	Capital	Fund				23
Department Water - Division	Water	Costc				968
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	25,000	25,000	25,000	25,000	25,000	125,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Project Description (Details & Comments)
 This program will facilitate the phased conversion of the City's municipal fire hydrant system to a uniform connection standard (Stortz Connectors).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Fire Services equipment has adopted "Stortz" connection systems (more efficient and robust connection system). The current port connectors on our existing hydrants are not fully compatible with that system. This program will allow a phased transition to the new connection systems (standardization of equipment, improving response times in emergency situations).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #7

Project Name	Chestnut Reservoir Isolation Valve Installation Design					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	22,000					22,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 22,000	\$ -	\$ -	\$ -	\$ -	\$ 22,000

Project Description (Details & Comments)
 Engineering design/assessment for the Installation of an additional Isolation valve and blowdown for reservoir maintenance.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 At present, the reservoir can only be cleaned using contracted resources (divers). Implementation of isolation valving would allow for the reservoir to be completely drained such that maintenance can be done with operations staff.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #8

Project Name	Guildford Way PRV Station Upgrade (Design)					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve		40,000				40,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)
 This project will allow for design of a new PRV Station to address current facility deficiencies.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 The Guildford Way PRV Station was constructed in 1978 (age 38 years), and is approaching the end of its expected service life. Double block and bleed is not possible and confined space entry is required. The immediate concerns are isolation failure and integrity of the isolation valves.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #9

Project Name	College Park Way (Cecile Dr to Oxford Dr)					
Project Type	Capital	Fund	23			
Department Water - Division	Water	Costc	968			
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Asset Reserve - Transportation			80,000			80,000
Water Capital Reserve		15,000	205,000			220,000
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 15,000	\$ 285,000	\$ -	\$ -	\$ 300,000

Project Description (Details & Comments)
 This project is part of our strategic improvement strategy (Project #22 - College Park Way (Cecile Dr to Oxford Dr, Master Water Distribution System Study - Earth Tech, 2006) for watermain assets. Pipe is approaching end of its asset lifecycle, and forms a key component of overall distribution system improvements (pressure control and fire flow) for the Glenayre/College Park neighbourhood area.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Addresses life cycle replacement needs of the city's water infrastructure. Consequence of not proceeding: Increased maintenance costs, increased number of main breaks, loss of system integrity.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 This project will address water loss concerns in the Glenayre/College Park area (water conservation).

PROJECT #10

Project Name	North Road PRV Flow Meter					
Project Type	Capital				Fund	23
Department Water - Division	Water				Costc	968
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve					63,000	63,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 63,000	\$ 63,000

Project Description (Details & Comments)
 The North Road PRV Station has two separate supplies and only one is metered. This project will allow for both supply mains to be independently metered.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Flow meters are essential for leak detection and water loss management. Without this second means of metering, it would be difficult to identify and deal with sytem leaks.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Conservation of water resources.

PROJECT #11

Project Name Air Valve Replacements (Linear and Non-Linear)						
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve			48,000			48,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ 48,000

Project Description (Details & Comments)
 Air valves are an integral part of water transmission systems. Air valves protect pipelines from pressure transients and possible collapse by releasing air from a pressurized system and admitting large amounts of air into the system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 A majority of the City's air valves have reached the end of their operational life.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #12

Project Name		Water Pump Vibration Analysis & Monitoring				
Project Type	Operating	Fund				13
Department Water - Division	Water	Costc				874
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve		75,000				75,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

Project Description (Details & Comments)
 This project will assess potential pump system deficiencies (vibration analysis to detect potential faults of equipment that, left undetected or unattended, could lead to catastrophic failure of equipment).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Performing vibration analysis is a way of providing early detection of equipment problems. This allows better scheduling of maintenance as needed on a proactive basis rather than emergency or crisis repair.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #13

Project Name	Reservoir Cleaning - Chestnut Reservoir					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	36,000					36,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ 36,000

Project Description (Details & Comments)
 This work will allow for system maintenance (contracted divers) to clean the existing reservoir tanks. The City currently has a reservoir cleaning program which consists of draining, cleaning and visually inspecting the structure for both water quality and to determine the condition of the tank and its associated infrastructure. The program is based on a three year cycle.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Due to its location within the distribution system the Chestnut Reservoir cannot be taken off-line and drained at this point in time. As a result the only way to clean and inspect the tank is to use a specialist contractor that utilizes divers to perform the cleaning and inspection works.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #14

Project Name	SCADA Radio Site Analyzer					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	11,000					11,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 11,000	\$ -	\$ -	\$ -	\$ -	\$ 11,000

Project Description (Details & Comments)
 This project will provide means to verify SCADA radio systems are functioning properly (system integrity).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 A radio site analyzer is used to measure radio strength and performance which ultimately provides a diagnosis of equipment before any system failures occur.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #15

Project Name	SCADA Security Access					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	12,100					12,100
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 12,100	\$ -	\$ -	\$ -	\$ -	\$ 12,100

Project Description (Details & Comments)
 This project will provide a means to address SCADA system security for the City's water utility system.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 SCADA systems are used to control and monitor physical processes. The security of a SCADA system is important because compromise or destruction of the SCADA system would directly impact infrastructure, the environment and public health and safety. Currently there is no system in place to allow read only access to SCADA and to prevent any un-authorized changes to the system. User settings should be added to prohibit un-authorized direct access to the SCADA system.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #16

Project Name	Cecile and Tuxedo Drive (watermain looping)					
Project Type	Capital	Fund	23			
Department Water - Division	Water	Costc	968			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve					15,000	15,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000

Project Description (Details & Comments)
 Project will allow for system integrity improvements (fireflow/looping) for this area.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Watermain looping allows for better distribution of flows during fire events, as well as providing improved system isolation in case of unexpected watermain breaks.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Improvements to system integrity will reduce system water loss (water demand management).

PROJECT #17

Project Name	Water Non-Linear Isolation Procedures					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	47,000					47,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 47,000	\$ -	\$ -	\$ -	\$ -	\$ 47,000

Project Description (Details & Comments)
 Development of Worksafe compliant documentation for confined space isolation and entry documentation for various locations including PRV stations, pump stations and reservoirs-25 sites in total.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This documentation will support safe work procedures development.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #18

Project Name	109m HGL Pressure Zone Split Feasibility Study					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	4. Low					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
TBD	19,082					19,082
Water Capital Reserve	10,918					10,918
						-
						-
						-
						-
						-
						-
Total Costs	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description (Details & Comments)

This project will assess the feasibility of modifications to the 109m HGL Pressure Zone (Proposed per DCC Technical Memo by KWL - 2016. See report for details).

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

This project will provide direction on necessary changes to the 109m HGL (DCC costs).

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

N/A

PROJECT #19

Project Name	Glenayre/College Park PRV Station					
Project Type	Capital			Fund	23	
Department Water - Division	Water			Costc	968	
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval				Events (i.e Grand Opening)		
Contingency Included Below	Asset ID			Information System fee Included Below		
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve					15,000	15,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000

Project Description (Details & Comments)
 Installation of a new PRV station to improve pressure management in this neighbourhood area. Work will be done over a two-year period.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 This project will allow for improved fire flow and system redundancy (looping) in the College Park/Glenayre area.,

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 Improvements to system integrity will reduce system water loss (water demand management).

PROJECT #20

Project Name	Civil Works Construction - Minor Watermain Projects					
Project Type	Capital				Fund	23
Department Water - Division	Water				Costc	968
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval	Yes	Please complete justification below			Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below				Communications Fee Included Below		
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)				Asset Replacement Provision (Project Total Divided by Useful Life)		
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	150,000	150,000	150,000	150,000	150,000	750,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000

Project Description (Details & Comments)

Public works (operations) created a civil works team consisting of 4 staff. This team is responsible for the completion of planned minor capital works for all utilities throughout the city. This funding will be a component of the overall budget for the civil works team.

Public works have a list of minor water main replacements including service connection replacements to strata properties and single family homes. Further details to specific projects can be provided.

This fund will cover staff salaries as well as materials and equipment costs in performance of the work.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Through the MSA it was identified that a dedicated civil construction crew was required to complete planned maintenance and capital improvements works. This funding serves as a component for financing the civil construction crew.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Allows for more pro-active response on potential environmental issues.

Pre-Approval Justification

The civil works construction crew will continue to operate throughout the year on planned projects and will therefore need continuity of funding from 2016-2017.

PROJECT #21

Project Name	Cross Connection Control Program Maintenance					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	31,000	28,000	28,000	28,000	28,000	143,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 31,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 143,000

Project Description (Details & Comments)

The City has implemented a Cross Connection Control (CCC) Program for all Industrial, Commercial, Institutional (ICI) and select multi-family residential properties. The CCC program consists of an annual maintenance monitoring program as well as maintenance of communications and standards regarding the program. In addition to annual monitoring, in 2017 the CCC program may include further implementation to include residential in-ground irrigation hazard identification and protection.

The program is anticipated to receive approximately \$10,000 in revenue from annual test reports submitted through BSI Online.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The Provincial Health Services Authority requires the City to meet specific standards to protect the public water system. As per the Water Supply & Distribution System Bylaw, the CCC program establishes responsibilities, operating policies, testing and reporting procedures. The program tracks annual inspection and testing of backflow prevention devices directly connected to the City's main water distribution system to ensure that they remain in proper working condition.

The objective of Port Moody's Cross Connection Control Program is to provide all residents and businesses with access to clean and dependable drinking water. The Cross Connection Control program aims to ensure the City of Port Moody's water distribution Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

N/A

PROJECT #22

Project Name	ICI Water Meters					
Project Type	Capital				Fund	23
Department Water - Division	Water				Costc	968
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below	Asset ID				Information System fee Included Below	
Project Management Fee Included Below	\$ 5,000				Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	50,000	50,000	50,000	50,000	50,000	250,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000

Project Description (Details & Comments)

The program will include:
 An inventory of Institutional, Commercial and Industrial (ICI) water meters. Data to include is age of install, size, BCAA use code, last maintenance date, etc.;
 Development of design standards;
 Development of a plan/strategy to install meters at unmetered ICI customers (approximately 151 commercial, and 4 light industrial); and
 Development of a testing and replacement schedule.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The City would like to complete the ICI metering program by installing meters at each ICI customer. A total of 151 commercial customers, and 4 light industrial facilities are currently on flat rates.
 Objective: To develop an ICI meter inventory, design standards, plan for the ICI customers to install meters, and testing and renewal schedule
 Priority: Ongoing program
 Benefit: Understanding water usage within City, user pay model

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #23

Project Name		Security Upgrades				
Project Type	Capital	Fund	23			
Department Water - Division	Water	Costc	968			
Strategic Plan Category	Service Excellence					
Project Priority	3. Medium					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 3,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	20,000	20,000	20,000			60,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ 60,000

Project Description (Details & Comments)
 This program will allow for phased security improvements to the City's water distribution system assets.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Certain components of the City's drinking water infrastructure can be potentially exposed to security risks (i.e. vandalism). This program will allow for security improvements to address potential concerns.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #24

Project Name	Kings Court (Watermain Replacement - Oxford to cul-de-sac / Project No 18)					
Project Type	Capital	Fund	23			
Department Water - Division	Water	Costc	968			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below	\$ 15,000	Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Sewer Capital Reserve			120,000			120,000
Water Capital Reserve			250,000			250,000
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ -	\$ 370,000	\$ -	\$ -	\$ 370,000

Project Description (Details & Comments)
 This project is part of our strategic improvement strategy (Project #18 - Kings Court from cul-de-sac to Oxford, Master Water Distribution System Study - Earth Tech, 2006) for watermain assets. Pipe is approaching end of its asset lifecycle, and forms a key component of overall distribution system improvements (pressure control and fire flow) for the Glenayre/College Park neighbourhood area.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Addresses life cycle replacement needs of the city's water infrastructure. Consequence of not proceeding: Increased maintenance costs, increased number of main breaks, loss of system integrity.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 This project will address water loss concerns in the Glenayre/College Park area (water conservation).

PROJECT #25

Project Name	SCADA - RTU Implementation Program					
Project Type	Capital	Fund	23			
Department Water - Division	Water	Costc	968			
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval		Events (i.e Grand Opening)				
Contingency Included Below	Asset ID	Information System fee Included Below				
Project Management Fee Included Below		Communications Fee Included Below				
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)		Asset Replacement Provision (Project Total Divided by Useful Life)				
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	200,000	200,000				400,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 400,000

Project Description (Details & Comments)
 The City's SCADA system requires an Remote Terminal Unit Mater Plan program to develop system functionality and efficiency. Future demands on the SCADA system is projected to increase as regulatory data collection and archiving needs become more significant in day-to-day operations. The ongoing SCADA enhancement process will improve operational efficiency and optimization initiatives, reduce system operating and maintenance costs and aid in the reduction or mitigation of potential risks to the utility and public.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?
 Regulatory requirements (data collection and archiving) are projected to place significant demand on day-to-day operations. Regular enhancements to the SCADA system will improve operational efficiency, reduce system operating and maintenance costs and aid in the reduction or mitigation of potential risks to the utility and public.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances
 N/A

PROJECT #27

Project Name	Dewdney Trunk PRV - Station Upgrade (Design)					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Service Excellence					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?						
Communications/Civic Engagements resource required?						
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve		40,000				40,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000

Project Description (Details & Comments)

This project will allow for design of a new PRV Station to address current facility deficiencies.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

The Dewdney Trunk PRV Station was constructed in 1966 (age 50 years). As per the AECOM Non-linear Infrastructure Assessment Report, the economical useful life for the building structure is 50 years, valving, pipework and electrical is 40 years, instrumentation is 15 years and SCADA is 10 years. There is no immediate risk to health and safety, however work is required within two years to ensure assets remain safe. The immediate concerns are isolation failure and integrity of the isolation valves. Double block and bleed is not possible and the confined space can be eliminated by replacing PRV chamber with an above ground building.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

PROJECT #28

Project Name	Water Conservation Coordinator resource materials & outreach tools					
Project Type	Operating				Fund	13
Department Water - Division	Water				Costc	874
Strategic Plan Category	Preserving the Environment					
Project Priority	2. High					
Pre-Approval					Events (i.e Grand Opening)	
Contingency Included Below					Information System fee Included Below	
Project Management Fee Included Below					Communications Fee Included Below	
NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget)					Asset Replacement Provision (Project Total Divided by Useful Life)	
Information System resource required?	No					
Communications/Civic Engagements resource required?	No					
Funding Sources:	2017	2018	2019	2020	2021	Total
Water Capital Reserve	10,000					10,000
						-
						-
						-
						-
						-
						-
						-
						-
Total Costs	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000

Project Description (Details & Comments)

To assist community outreach implementing strategies to generate education and understanding that motivate participation in water conservation management programs in Port Moody. Initiatives and activities will incorporate a variety of water conservation campaign materials and interactive presentations to be promoted at public events and workshops.

Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan?

Strategic alignment is with preserving the environment and service excellence. Project is necessary to assist staff effectively communicate and educate residents & stakeholders in a professional and engaging manner.

Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances

Having the tools to promote water conservation initiatives will have tremendous sustainable impact. Being able to effectively educate our residents to reduce water usage will have environmental and economic benefit to the city.



CITY OF PORT MOODY

Reserve Details

2017-2021 FINANCIAL PLAN

City of Port Moody

Asset Reserve

Account # 3500,3550,3551,3552,3553,3554,3555

For the Years 2017 - 2021

Description	2017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	942,812	944,085	991,982	1,059,562	1,144,269
Asset Levy					
Asset Levy (1%) - Approved 2011 to 2016	2,101,250	2,101,250	2,101,250	2,101,250	2,101,250
Asset Levy (1%) - Proposed 2017	354,000	354,000	354,000	354,000	354,000
Asset Levy (1%) - Proposed 2018		382,000	382,000	382,000	382,000
Asset Levy (1%) - Proposed 2019			394,000	394,000	394,000
Asset Levy (1%) - Proposed 2020				405,000	405,000
Asset Levy (1%) - Proposed 2021					418,000
Operating Budget Funding					
Proposed funding level from the 2013 5 Year Financial Plan	475,000	475,000	475,000	475,000	475,000
Proposed funding level from the 2012 5 Year Financial Plan - 250,000 annual	250,000	250,000	250,000	250,000	250,000
Additional funding Police Laptops previously leased	89,600	89,600	89,600	89,600	89,600
Trsf from North Shore Community Park cost centre	75,000	75,000	75,000	75,000	75,000
Trsf from Town Centre cost centre	75,000	75,000	75,000	75,000	75,000
Funding - Sewer Fund Annual Contribution (8203-805)	30,500	31,000	31,500	32,000	32,500
Funding - Water Fund Annual Contribution (8203-866)	30,500	31,000	31,500	32,000	32,500
Funding - Green Waste Annual Contribution	5,300	5,300	5,300	5,300	5,300
Funding - Recycling Annual Contribution	2,850	2,850	2,850	2,850	2,850
Funding - Solid Waste Annual Contribution	8,150	8,150	8,150	8,150	8,150
Public Safety Building					
Police - Principal Debt Payment (\$3 million principal; term 2006-2026) MFA 97	-149,128	-155,093	-161,296	-167,748	-174,458
Police - Interest Debt Payment (\$3 million principal; term 2006-2026) MFA 97	-91,418	-85,453	-79,249	-72,797	-66,087
Police - CPR Police Lease	52,750	52,750	43,958	52,750	52,750
Police - Rpymt from Police Operating Budget (savings on Geothermal)	18,650	19,023	19,403	19,792	20,187
Recreation Centre Expansion					
Rec Ctr - Capital User Fees (acct 9500-260)	65,600	65,600	65,600	65,600	65,600
Rec Ctr - Leased Back Space - Physiotherapy (acct 9500-259)	40,380	40,380	40,380	40,380	40,380
Rec Ctr - Fitness Equip Budget Overage Repayment (\$51.9K) (acct 9500-262):	5,190	5,190	5,190	5,190	5,190
Other					
Tsf from 215A General Amenities 2801-85 (Old mill Boathouse Society payment)	10,000	10,000	10,000	1,013	0
Transfer from General Rehab Reserve					
Transfer to Debt Reserve	-624,955	-624,955	-624,955	-624,955	-624,955
Transfer to Artworks Reserve 0.3% of all projects	-15,391	-9,029	-7,936	-9,001	-6,497
Transfer from Gas Tax Reserve for Police CP	34,000	34,000	34,000	34,000	
Project Funding					
Capital Programs Funding	-2,824,000	-3,189,000	-3,556,999	-3,945,000	-4,343,001
Capital Program Allocation - One-Time funding Equipment City	-295,852				
Capital Program Allocation - One-Time funding Unallocated Master Transportation Plan	-150,000				
Position funding - Budget Analyst and GIS	38,333	38,333	38,333	38,333	38,333
Remaining for the police projects funded from gas tax reserve transfer	-34,000	-34,000	-34,000	-34,000	
Estimated closing balance	944,085	991,982	1,059,562	1,144,269	1,251,861

Asset Reserve - Capital Programs

Division

2016	2017	2018	2019	2020	2021	Projects Detail
Revised Budget	Plan	Plan	Plan	Plan	Plan	

Capital Program - Unallocated

2016 - 2020 Plan	Opening Balance		-55,951						
2016 - 2020 Plan	Microfiche Scanning	Building, Bylaw & Licensing	24,000	-	-	-	-	-	-
2016 - 2020 Plan	New Signage at Bert Flinn Park	Building, Bylaw & Licensing	1,400	-	-	-	-	-	-
2016 - 2020 Plan	Civic Centre - New chairs for council stage	Facilities	12,000	-	-	-	-	-	-
2016 - 2020 Plan	Glenarye Fire hall - Mezzanine addition/storage area	Fire Rescue	15,000	-	-	-	-	-	-
2016 - 2020 Plan	Upgrade Orthophotos	Information Services	12,000	-	-	-	-	-	-
2016 - 2020 Plan	Replace 1996 Scag Mower - no unit number	Operations	11,000	-	-	-	-	-	-
2016 - 2020 Plan	Vehicle Global Positioning System	Operations	15,000	-	-	-	-	-	-
2016 - 2020 Plan	External Hard Armor	Police	3,080	-	-	-	-	-	-
2016 - 2020 Plan	Pedestrian Bridge at Noons Creek	Parks	69,440	-	-	-	-	-	-
2016 - 2020 Plan	CLASS replacement	Recreation	140,280	-	-	-	-	-	-
0. Pre-Approved	Budget Software Implementation	Information Services	-	35,000	-	-	-	-	-
0. Pre-Approved	Contributed Assets Handover from EGRT	Engineering	-	65,000	-	-	-	-	-
0. Pre-Approved	Microfiche Scanning	Building, Bylaw & Licensing	-	6,500	-	-	-	-	-
0. Pre-Approved	Public Safety Building - Evidence Room Air Handling Improvements	Facilities	-	350,000	-	-	-	-	-
0. Pre-Approved	Upgrade Orthophotos	Information Services	-	12,000	12,000	12,000	12,000	12,000	-
1. Council	MTP Planning and Design	Engineering	-	150,000	-	-	-	-	-
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Sewer & Drainage	-	-	529,296	-	-	-	-
2. High	Inlet Theatre Stage Refinishing and Drapery Cleaning	Cultural Services	-	-	-	20,000	-	-	-
2. High	Museum Back Deck Replacement	Cultural Services	-	20,000	-	-	-	-	-
2. High	Museum Railway Plinths /RR crossing rebuild	Cultural Services	-	35,000	-	-	-	-	-
Projects Total			247,249	673,500	541,296	32,000	12,000	-	-
Capital Program Allocation Total			246,000	282,400	318,900	355,700	394,500	434,300	434,300
Position funding - GIS and Budget Analyst				(38,333)	(38,333)	(38,333)	(38,333)	(38,333)	(38,333)
One-Time Funding \$150,000 from the estimated opening balance in the Asset Reserve for the Master Transportation Plan - FC February 7, 2017				150,000					
Capital Program - Unallocated Balance			(1,249)	(280,682)	(541,411)	(256,044)	88,123	484,090	484,090

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Asset Reserve - Capital Programs

Division

2016	2017	2018	2019	2020	2021	Projects Detail
Revised Budget	Plan	Plan	Plan	Plan	Plan	

Capital Program - Transportation

2016 - 2020 Plan	Opening Balance							
			-496,027					
2016 - 2020 Plan	Asset Management Planning and Investigation	Engineering	75,000	-	-	-	-	
2016 - 2020 Plan	Bridge Maintenance & Repairs	Engineering	44,794	-	-	-	-	
2016 - 2020 Plan	Bridge Maintenance - Scoping, Assessment & Repairs	Engineering	50,000	-	-	-	-	
2016 - 2020 Plan	Bridge Upgrades - Barnet Hwy Overpass	Engineering	45,000	-	-	-	-	
2016 - 2020 Plan	CP Rail Crossing - Feasibility & Investigation	Engineering	75,000	-	-	-	-	
2016 - 2020 Plan	Crosswalk: Glenayre at College Park	Engineering	21,271	-	-	-	-	
2016 - 2020 Plan	Glenayre and College Park - Intersection Improvements and Utility Renewals	Engineering	30,000	-	-	-	-	
2016 - 2020 Plan	Newport Drive/Ungless Way Crosswalks Enhancements	Engineering	70,000	-	-	-	-	
2016 - 2020 Plan	Road Reconstruction	Engineering	300,000	-	-	-	-	
2016 - 2020 Plan	Road Reconstruction (LRN)	Engineering	135,849	-	-	-	-	
2016 - 2020 Plan	Street Light Replacement Program	Engineering	104,480	-	-	-	-	
2016 - 2020 Plan	Street Name Sign Replacement	Engineering	25,000	-	-	-	-	
2016 - 2020 Plan	Traffic Safety - Minor Projects	Engineering	50,000	-	-	-	-	
2016 - 2020 Plan	Traffic Signal Infrastructure	Engineering	87,883	-	-	-	-	
2016 - 2020 Plan	Transit Infrastructure - Bus Stop Improvement	Engineering	25,000	-	-	-	-	
0. Pre-Approved	Above-Ground Infrastructure - Planning/Asset Management	Engineering	-	75,000	75,000	75,000	75,000	
0. Pre-Approved	Bridge Upgrades - Barnet Hwy Overpass [Multiple Funding Src]	Engineering	-	277,000	-	-	-	
0. Pre-Approved	LRN Road Reconstruction	Engineering	-	350,000	-	350,000	350,000	
0. Pre-Approved	Traffic Safety Initiatives	Engineering	-	50,000	50,000	50,000	50,000	
0. Pre-Approved	Traffic Signal Infrastructure - Maintenance and Replacement [Multiple Funding Src]	Engineering	-	50,000	50,000	50,000	50,000	
0. Pre-Approved	Transit Infrastructure - Bus Stop Improvements	Engineering	-	25,000	25,000	25,000	25,000	
1. Council	Street Name Sign Replacement Program [Multiple Funding Src]	Engineering	-	25,000	25,000	25,000	25,000	
2. High	Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src]	Water	-	75,000	-	-	-	
2. High	Bridge Maintenance - Scoping, Assessment & Repairs	Engineering	-	50,000	50,000	50,000	50,000	
2. High	CP Rail Crossings - Project Implementation	Engineering	-	-	50,000	50,000	50,000	
2. High	Gatensbury Drive (Grant St to Coquiltam/City Limit) [Multiple Funding Src]	Sewer & Drainage	-	15,000	500,000	-	-	
2. High	Newport Drive /Ungless Way Crosswalk Enhancements	Engineering	-	75,000	-	-	-	
2. High	Streetlighting Replacement Program [Multiple Funding Src]	Engineering	-	35,000	35,000	35,000	35,000	
3. Medium	Road Surface Temperature Sensors	Engineering	-	58,000	-	-	-	
4. Low	College Park Way (Cecile Dr to Oxford Dr) [Multiple Funding Src]	Water	-	-	-	80,000	-	
Projects Total			643,250	1,160,000	860,000	790,000	710,000	535,000
Capital Program Allocation Total			897,959	1,030,828	1,164,061	1,298,390	1,440,019	1,585,299
Capital Program - Transportation Balance			254,709	125,537	429,598	937,988	1,668,007	2,718,306

Capital Program - Facilities Maintenance

2016 - 2020 Plan	Opening Balance		-84,127							
2016 - 2020 Plan	Artist Studio 2709 Esplanade - Skylight replacement	Facilities	25,000	-	-	-	-	-	-	
2016 - 2020 Plan	Civic Centre - Carpet Replacement Library	Facilities	45,000	-	-	-	-	-	-	
2016 - 2020 Plan	Civic Centre - Inlet Theatre Interior Painting	Facilities	15,000	-	-	-	-	-	-	
2016 - 2020 Plan	Civic Centre - Replace Galleria Pendant Lights	Facilities	30,000	-	-	-	-	-	-	
2016 - 2020 Plan	Facilities - Parking lot line repainting	Facilities	22,000	-	-	-	-	-	-	
2016 - 2020 Plan	Facilities - Replacement of gas detection sensors, multiple facilities	Facilities	13,000	-	-	-	-	-	-	
2016 - 2020 Plan	HMCC - Replace exterior wooden stairs and balcony	Facilities	50,000	-	-	-	-	-	-	
2016 - 2020 Plan	Inlet Fire Hall - Condition Assessment	Facilities	30,000	-	-	-	-	-	-	
2016 - 2020 Plan	Kyle Centre - Washroom & wall repairs	Facilities	20,000	-	-	-	-	-	-	
2016 - 2020 Plan	Old Orchard Hall Caretaker Residence - Renovations options study	Facilities	25,000	-	-	-	-	-	-	
2016 - 2020 Plan	Queens Street Kiosk	Facilities	3,500	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Arena 1 - Relamping	Facilities	15,000	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Arena 1 - Replace Sound System	Facilities	20,000	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Arena 1 ice melt pit, design	Facilities	35,000	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Arena 2 - Ice melt pit repairs	Facilities	22,000	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Curling Rink - Re-lamping, 2 year cycle	Facilities	4,000	-	-	-	-	-	-	
2016 - 2020 Plan	2 year cycle	Facilities	9,000	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Gym curtain divider walls	Facilities	80,000	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Office Carpet Replacement	Facilities	90,000	-	-	-	-	-	-	
2016 - 2020 Plan	Recreation Complex - Zamboni #1 - Battery Replacement	Facilities	12,000	-	-	-	-	-	-	
2016 - 2020 Plan	Rocky Point Pool - Structural repair and recoat	Facilities	275,000	-	-	-	-	-	-	
2016 - 2020 Plan	Works Yard - Air handling in garage	Facilities	9,040	-	-	-	-	-	-	
2016 - 2020 Plan	Works Yard - Roof Repairs	Facilities	35,000	-	-	-	-	-	-	
0. Pre-Approved	Carpenters Shop - Installation of Safety Systems, Dust and Electrical	Facilities	-	60,000	-	-	-	-	-	Page 106
0. Pre-Approved	Old Mill Boathouse - Install air conditioner	Facilities	-	25,000	-	-	-	-	-	Page 88
0. Pre-Approved	Old Orchard Hall Caretaker Residence - Complete refurbishment	Facilities	-	350,000	-	-	-	-	-	Page 41
0. Pre-Approved	Recreation Complex - Curling Lounge walkway railing repairs	Facilities	-	15,000	-	-	-	-	-	Page 91
0. Pre-Approved	Rocky Point Pool - Conversion of disinfection system to liquid chlorine	Facilities	-	40,000	-	-	-	-	-	Page 93
2. High	Arts Centre - Elevator replacement	Facilities	-	-	-	75,000	-	-	-	Page 31
2. High	Arts Centre - Fire Life Safety component replacement	Facilities	-	-	-	-	-	80,000	-	Page 84
2. High	Arts Centre - Flooring replacement	Facilities	-	-	-	-	-	68,000	-	Page 76
2. High	Carpenters Shop - Construction - Safety Systems, Dust and Electrical	Facilities	-	200,000	-	-	-	-	-	Page 50
2. High	Civic Centre - Drain tile investigation	Facilities	-	-	8,000	-	-	-	-	Page 28
2. High	Civic Centre - Interior painting	Facilities	-	-	-	-	-	50,000	-	Page 72
2. High	Civic Centre - Internal Exhaust fan replacement	Facilities	-	-	-	-	-	30,000	-	Page 79
2. High	Civic Centre - Replace security gate, second floor	Facilities	-	-	20,000	-	-	-	-	Page 87
2. High	Civic Centre - Replacement of Meeting Room Chairs	Facilities	-	-	-	30,000	-	-	-	Page 94
2. High	Facilities - Apply non-slip coating to outdoor pool changeroom floors	Facilities	-	-	-	60,000	-	-	-	Page 89
2. High	Facilities - Guard rail inspection, multiple facilities	Facilities	-	-	60,000	-	-	-	-	Page 35
2. High	Facilities - HVAC controls replacement	Facilities	-	-	-	-	80,000	-	-	Page 42
2. High	Facilities - Multiple buildings, electrical system scan, service and repairs	Facilities	-	-	350,000	-	-	-	-	Page 40
2. High	Facilities - Replace hot water tanks and furnaces - multiple buildings, one of two	Facilities	-	-	-	70,000	-	-	-	Page 39

Asset Reserve - Capital Programs

Division

			2016	2017	2018	2019	2020	2021	Projects Detail
			Revised Budget	Plan	Plan	Plan	Plan	Plan	
2. High	Facilities - Replace hot water tanks and furnaces - multiple buildings, two of two	Facilities	-	-	-	-	-	79,000	Page 43
2. High	Facilities - Replacement of water treatment equipment	Facilities	-	-	-	-	-	10,000	Page 69
2. High	Fire Hall 2 - Envelope condition assessment	Facilities	-	45,000	-	-	-	-	Page 32
2. High	Fire Hall 2 - Exterior Repairs	Facilities	-	-	-	-	90,000	-	Page 30
2. High	Fire Hall 2 - Fire alarm system replacement	Facilities	-	-	-	-	50,000	-	Page 33
2. High	Fire Hall 2 - HVAC replacement	Facilities	-	-	-	-	50,000	-	Page 48
2. High	Glenayre Centre - Fire Life Safety component replacement	Facilities	-	-	-	-	80,000	-	Page 29
2. High	HMCC - Replace hydronic loop recirculation pump	Facilities	-	-	-	14,500	-	-	Page 27
2. High	Old Fire Hall - Exterior repairs and roof replacement	Facilities	-	-	-	-	175,000	-	Page 71
2. High	Old Mill Boathouse - Exterior repairs and painting	Facilities	-	-	-	-	54,000	-	Page 37
2. High	Old Orchard Hall - Exterior repairs	Facilities	-	-	-	500,000	-	-	Page 47
2. High	Public Safety Building - BECA and Mechanical Re-Commissioning	Facilities	-	100,000	-	-	-	-	Page 105
2. High	Public Safety Building - Carpet replacement	Facilities	-	-	-	-	-	153,000	Page 98
2. High	Public Safety Building - Exterior Repairs	Facilities	-	-	-	-	-	115,000	Page 95
2. High	Public Safety Building - Interior painting	Facilities	-	-	-	-	-	117,000	Page 70
2. High	Recreation Complex - Arena Zamboni Door-Motor & Gear Replacement	Facilities	-	-	15,000	-	-	-	Page 96
2. High	Recreation Complex - Exterior building mounted and parking lot relamping, 2 year cycle	Facilities	-	-	9,000	-	-	-	Page 26
2. High	Recreation Complex - Hardscape and Landscape Renovation [Multiple Funding Src]	Facilities	-	24,000	-	-	-	-	Page 108
2. High	Recreation Complex - Hot water storage tank replacement	Facilities	-	-	-	-	87,000	-	Page 45
2. High	Recreation Complex - Installation of public address sound system for the entire complex	Facilities	-	80,000	-	-	-	-	Page 44
2. High	Recreation Complex - Interior Painting	Facilities	-	-	-	60,000	-	-	Page 34
2. High	Recreation Complex - Replace tile flooring second floor SRC	Facilities	-	-	150,000	-	-	-	Page 36
2. High	Rocky Point Pool - Building drain tile replacement	Facilities	-	-	-	-	100,000	-	Page 83
2. High	Westhill Centre - Roof Replacement	Facilities	-	-	-	-	155,000	-	Page 46
2. High	Westhill Pool - Pool water to sanitary design	Facilities	-	-	50,000	-	-	-	Page 38
3. Medium	Civic Center - Carpet Replacement: 2nd floor	Facilities	-	-	85,000	-	-	-	Page 53
3. Medium	Civic Center - Carpet Replacement: Theatre/Green Rm/Brovold Rm	Facilities	-	-	75,000	-	-	-	Page 52
3. Medium	Civic Centre - Carpet Replacement, first floor	Facilities	-	-	85,000	-	-	-	Page 54
3. Medium	Civic Centre - Replacement of sumps and sump controls	Facilities	-	-	-	60,000	-	-	Page 58
3. Medium	Civic Centre - Washroom upgrades	Facilities	-	-	-	-	100,000	-	Page 57
3. Medium	Facilities - Camera scope of main drain lines clean out of lines	Facilities	-	-	-	-	50,000	-	Page 60
3. Medium	Facilities - Envelope condition assessments, multiple buildings	Facilities	-	-	-	-	-	100,000	Page 77
3. Medium	Facilities - Lighting Retrofit	Facilities	-	80,850	-	-	-	-	Page 64
3. Medium	Facilities - Parking lot line repainting, 2	Facilities	-	-	-	22,000	-	-	Page 62
3. Medium	Fire Hall 2 - Site work	Facilities	-	-	-	-	25,000	-	Page 68
3. Medium	Glenayre Centre - Drain tile rebuild	Facilities	-	-	-	75,000	-	-	Page 67
3. Medium	Glenayre Centre - Install alarm system	Facilities	-	-	21,000	-	-	-	Page 55
3. Medium	Glenayre Centre - Parking lot repairs and repaving	Facilities	-	-	-	-	60,000	-	Page 82
3. Medium	Glenayre Centre - Replace resilient flooring	Facilities	-	-	-	-	-	40,000	Page 80
3. Medium	Glenayre Centre - Roof and exterior repairs	Facilities	-	-	-	-	46,000	-	Page 65
3. Medium	HMCC - Interior painting	Facilities	-	-	25,000	-	-	-	Page 59
3. Medium	NSFH - Heating System overhaul	Facilities	-	-	-	-	-	5,000	Page 75
3. Medium	Old Mill Boathouse - Elevator replacement	Facilities	-	-	-	-	-	33,000	Page 78
3. Medium	Old Mill Boathouse - Floor Refurbishing	Facilities	-	-	-	-	20,000	-	Page 81
3. Medium	Old Orchard Hall - Air conditioning Design	Facilities	-	-	15,000	-	-	-	Page 61

Asset Reserve - Capital Programs			2016	2017	2018	2019	2020	2021	Projects Detail
Division	2016 Revised Budget	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan			
3. Medium	Old Orchard Hall - Exhaust fan replacement	Facilities	-	-	-	-	-	16,000	Page 49
3. Medium	Public Safety Building - Replacement of assorted mechanical equipment	Facilities	-	-	-	-	-	28,000	Page 86
3. Medium	Recreation Complex - Arena 1, bleacher refinishing	Facilities	-	-	-	-	-	75,000	Page 90
3. Medium	Recreation Complex - Replace exhaust fan and amonia sensor in Zamboni room	Facilities	-	-	-	-	-	40,000	Page 74
3. Medium	Recreation Complex - Replace hydronic water treatment unit	Facilities	-	-	-	-	-	12,500	Page 73
3. Medium	Recreation Complex - Replace SRC Skylight	Facilities	-	-	-	-	-	90,000	Page 85
3. Medium	Recreation Complex - Replace steam generator	Facilities	-	-	10,000	-	-	-	Page 63
3. Medium	Recreation Complex - Wellness Room Floor Replacement	Facilities	-	-	-	90,000	-	-	Page 56
3. Medium	Westhill Centre - Washroom rebuild	Facilities	-	-	40,000	-	-	-	Page 66
Projects Total			800,413	1,019,850	1,018,000	1,056,500	1,222,000	1,141,500	
Capital Program Allocation Total			758,620	870,871	983,431	1,096,915	1,216,568	1,339,304	
Capital Program - Facilities Maintenance Balance			(41,793)	(190,772)	(225,341)	(184,926)	(190,358)	7,446	

Capital Program - Equipment City

2016 - 2020 Plan	Opening Balance		-94,167						
2016 - 2020 Plan	Inlet Theatre Dimmer System	Cultural Services	43,000	-	-	-	-	-	
2016 - 2020 Plan	Repair and Replacement of Projection Screens	Cultural Services	10,000	-	-	-	-	-	
2016 - 2020 Plan	EOC Laptop computers	Fire Rescue	4,000	-	-	-	-	-	
2016 - 2020 Plan	Agresso Upgrades	Information Services	34,029	-	-	-	-	-	
2016 - 2020 Plan	Backup Server Replacements	Information Services	13,000	-	-	-	-	-	
2016 - 2020 Plan	Completion of fiber optic cabling	Information Services	35,000	-	-	-	-	-	
2016 - 2020 Plan	Disk Array Replacement	Information Services	48,000	-	-	-	-	-	
2016 - 2020 Plan	Firewall upgrades	Information Services	39,100	-	-	-	-	-	
2016 - 2020 Plan	Private Fiber Cable (St. Johns Corridor)	Information Services	35,000	-	-	-	-	-	
2016 - 2020 Plan	Upgrade to Email server	Information Services	22,000	-	-	-	-	-	
2016 - 2020 Plan	Virtual Server Replacement	Information Services	60,000	-	-	-	-	-	
2016 - 2020 Plan	Replacement of Selectorized Weight Equipment	Recreation	105,000	-	-	-	-	-	
0. Pre-Approved	Facilities - Outdoor pool vacuums (2)	Facilities	-	6,000	-	-	-	-	Page 92
0. Pre-Approved	Replacement of Selectorized Weight Equipment	Recreation	-	105,000	-	-	-	-	Page 110
0. Pre-Approved	TEMPEST Upgrades	Information Services	-	25,000	-	-	-	-	Page 224
2. High	Agresso Upgrades	Information Services	-	-	-	35,000	-	35,000	Page 222
2. High	Backup Server Replacements	Information Services	-	-	15,000	-	-	15,000	Page 223
2. High	Bistro Gate	Cultural Services	-	12,000	-	-	-	-	Page 20
2. High	Bistro/Galleria Tables and Benches	Cultural Services	-	-	-	-	-	10,000	Page 21
2. High	CLASS Replacement - Implementation costs	Recreation	-	70,000	-	-	-	-	Page 115
2. High	Council Presentation Video Screen	Cultural Services	-	10,000	-	-	-	-	Page 19
2. High	Council Projector Replacement	Cultural Services	-	14,000	-	-	-	-	Page 11
2. High	Disk Array Replacement	Information Services	-	-	-	-	-	65,000	Page 229
2. High	ESS Capital budget	Recreation	-	8,000	-	-	-	-	Page 112
2. High	Film Projector Replacement	Cultural Services	-	-	-	-	31,000	-	Page 7
2. High	Mackie SM250 and Amplifier Replacment	Cultural Services	-	-	-	-	-	7,500	Page 17
2. High	Network Switch Replacement	Information Services	-	-	110,000	-	-	-	Page 227
2. High	Recreation Complex Spin Bike Replacement	Recreation	-	-	-	-	-	40,000	Page 116
2. High	Recreation Complex Spinning Bike Replacement	Recreation	-	40,000	-	-	-	-	Page 109
2. High	Replacement of Bistro Bar Fridge	Cultural Services	-	6,000	-	-	-	-	Page 12
2. High	Replacement of Cardio Equipment in Recreation Complex Weight room	Recreation	-	-	-	-	210,000	-	Page 111

Asset Reserve - Capital Programs			Division	2016	2017	2018	2019	2020	2021	Projects Detail	
				Revised Budget	Plan	Plan	Plan	Plan	Plan		
2. High	Replacement of concert audio console and misc audio equipment	Cultural Services	-	-	-	-	-	28,000	-	Page 8	
2. High	Replacement of Fesnel Lights	Cultural Services	-	-	-	-	-	24,000	-	Page 10	
2. High	Video System Upgrade	Cultural Services	-	-	-	-	-	-	20,000	Page 18	
2. High	Virtual Server Replacement	Information Services	-	-	-	-	-	58,000	-	Page 228	
2. High	Wired and Wireless Microphone Replacement	Cultural Services	-	-	-	-	-	20,000	-	Page 9	
3. Medium	Compressor/gates, patch bay, drive rack and presentation computer	Cultural Services	-	-	9,500	-	-	-	-	Page 16	
3. Medium	Project Planning Software	Information Services	-	-	30,000	-	-	-	-	Page 230	
Projects Total			353,963	296,000	164,500	35,000	371,000	192,500			
Capital Program Allocation Total			164,131	189,980	214,534	239,291	265,393	292,168			
One-Time Funding \$295,852 from the estimated opening balance in the Asset Reserve - FC February 7, 2017			295,852								
Capital Program - Equipment City Balance			(189,832)	0	50,034	254,325	148,718	248,386			

Capital Program - Equipment Police

2016 - 2020 Plan	Opening Balance		-2,532							
2016 - 2020 Plan	Computers New and Replacement	Police	21,000	-	-	-	-	-	-	
2016 - 2020 Plan	Crime Analyst Software	Police	9,093	-	-	-	-	-	-	
2016 - 2020 Plan	Fencing	Police	13,000	-	-	-	-	-	-	
2016 - 2020 Plan	PFD-Floatation Devices for Vehicles	Police	5,100	-	-	-	-	-	-	
2016 - 2020 Plan	Replacement LAN Server	Police	15,000	-	-	-	-	-	-	
2016 - 2020 Plan	Replacement Laptops for Police Cars	Police	20,000	-	-	-	-	-	-	
2016 - 2020 Plan	Replacement Network Infrastructure	Police	14,200	-	-	-	-	-	-	
2016 - 2020 Plan	Replacement of Photocopiers and Printers	Police	18,000	-	-	-	-	-	-	
2016 - 2020 Plan	Replacement of UPS Batteries	Police	10,030	-	-	-	-	-	-	
2016 - 2020 Plan	Security Camera System	Police	42,000	-	-	-	-	-	-	
2016 - 2020 Plan	VPN	Police	12,881	-	-	-	-	-	-	
0. Pre-Approved	Cell Phone Forensic Triage	Police	-	15,600	-	-	-	-	-	Page 271
2. High	Approved Screening Device Replacement	Police	-	-	-	11,500	-	-	-	Page 249
2. High	Cell Recording System	Police	-	-	-	75,000	-	-	-	Page 239
2. High	Computers New and Replacement	Police	-	27,300	27,300	27,300	27,300	27,300	27,300	Page 240
2. High	Covert Laptop	Police	-	-	6,000	-	-	-	-	Page 247
2. High	DNA Fridge	Police	-	15,000	-	-	-	-	-	Page 269
2. High	External Hard Armor	Police	-	-	-	16,500	23,500	-	-	Page 250
2. High	Forensic Light	Police	-	-	-	-	27,000	-	-	Page 248
2. High	IT Backup	Police	-	-	-	-	60,000	-	-	Page 270
2. High	Replacement LAN Server	Police	-	-	-	-	-	-	75,000	Page 241
2. High	Replacement Laptops for Police Cars	Police	-	19,200	19,200	19,200	19,200	19,200	19,200	Page 242
2. High	Replacement of Photocopiers and Printers	Police	-	-	-	18,000	-	-	-	Page 243
2. High	Replacement of UPS Batteries	Police	-	-	-	-	-	-	12,740	Page 267
2. High	Software Upgrade	Police	-	-	-	33,000	-	-	-	Page 244
2. High	Telephone Infrastructure	Police	-	-	-	-	-	-	14,200	Page 268
2. High	Telephone Router	Police	-	-	-	5,000	-	-	-	Page 246
2. High	Telephone System - VOIP	Police	-	50,000	-	-	-	-	-	Page 245
Projects Total			177,772	127,100	52,500	205,500	157,000	148,440		
One-Time Funding (2015 Estimated Opening Balance + 2014 Surplus (partial) + 215A General Amenities TsF) + 2016 to 2020 funding from Gas Tax Reserve			131,216	34,000	34,000	34,000	34,000			
Capital Program Allocation Total			60,706	68,126	76,932	85,809	95,170	104,771		
Balance			14,150	(10,824)	47,608	(38,083)	(65,913)	(109,582)		

Asset Reserve - Capital Programs

Division

2016	2017	2018	2019	2020	2021	Projects Detail
Revised Budget	Plan	Plan	Plan	Plan	Plan	

Capital Program - Parks Maintenance

2016 - 2020 Plan	Opening Balance		-223,349						
2016 - 2020 Plan	Ailsa Park Improvements	Parks	15,000	-	-	-	-	-	-
2016 - 2020 Plan	Cedarwood Park Playground	Parks	62,040	-	-	-	-	-	-
2016 - 2020 Plan	Chestnut Reservoir Park - Tennis Courts Resurfacing	Parks	9,000	-	-	-	-	-	-
2016 - 2020 Plan	Deck Gang Mower	Parks	35,000	-	-	-	-	-	-
2016 - 2020 Plan	East Hill Stair Replacement	Parks	75,939	-	-	-	-	-	-
2016 - 2020 Plan	Easthill Park - Tennis Court Repainting	Parks	9,000	-	-	-	-	-	-
2016 - 2020 Plan	Easthill Park Staircase	Parks	35,070	-	-	-	-	-	-
2016 - 2020 Plan	Noons Creek Bridge Replacement (by Rec Centre)	Parks	30,000	-	-	-	-	-	-
2016 - 2020 Plan	North Shore Artificial Turf Field and Track	Parks	130,000	-	-	-	-	-	-
2016 - 2020 Plan	Parks Planning & Asset Management	Parks	25,000	-	-	-	-	-	-
2016 - 2020 Plan	Playground Equipment Repairs	Parks	15,000	-	-	-	-	-	-
2016 - 2020 Plan	Rocky Point Spray Park	Parks	35,000	-	-	-	-	-	-
2016 - 2020 Plan	Upgrade Town Centre Playground Area	Parks	69,960	-	-	-	-	-	-
0. Pre-Approved	Chafer Beetle Management Program - City Lands	Parks	-	5,000	5,000	5,000	5,000	5,000	Page 214
0. Pre-Approved	Horticulture Vegetation Replacement Program	Parks	-	15,000	15,000	15,000	15,000	15,000	Page 179
0. Pre-Approved	loco Road Medians - Chafer Beetle Resistant Turf Replacement	Parks	-	30,000	-	-	-	-	Page 181
0. Pre-Approved	North Shore Community Park - Soccer Field (Natural Turf /Grass Renewal)	Parks	-	10,000	-	-	-	-	Page 182
0. Pre-Approved	Parks Infrastructure - Planning/Asset Management	Parks	-	25,000	25,000	25,000	25,000	25,000	Page 184
2. High	Greenleaf Parkette - Retaining Wall Rehabilitation	Parks	-	-	-	10,000	-	-	Page 178
2. High	Playground Equipment Repair	Parks	-	15,000	15,000	15,000	15,000	15,000	Page 187
2. High	Playground Rehabilitation - Art Wilkinson Park	Parks	-	10,000	-	-	-	-	Page 215
2. High	Playground Rehabilitation - Barber Street Playground Area	Parks	-	-	-	39,000	-	-	Page 188
2. High	Playground Rehabilitation - Seaview Playground Area	Parks	-	-	-	-	60,000	-	Page 189
2. High	Playground Rehabilitation - Twin Creek Parkette Playground	Parks	-	-	-	30,000	-	-	Page 190
2. High	Recreation Complex - Hardscape and Landscape Renovation [Multiple Funding Src]	Facilities	-	6,000	-	-	-	-	Page 108
2. High	Resurface Tennis Courts - Chestnut Park Reservoir	Parks	-	30,000	-	-	-	-	Page 207
2. High	Resurface Tennis Courts - Easthill Park	Parks	-	30,000	-	-	-	-	Page 206
2. High	Rocky Point Park - Master Plan Review	Parks	-	71,500	-	-	-	-	Page 208
2. High	Urban Forestry - Tree Removals/Mitigation for City Lands	Parks	-	50,000	50,000	50,000	50,000	50,000	Page 213
3. Medium	Design and Feasability Study - Shoreline Trail Boardwalk	Parks	-	40,000	-	-	-	-	Page 176
3. Medium	Flavelle Park - Rehabilitate Wooden Deck	Parks	-	-	-	30,000	-	-	Page 177
3. Medium	Old Orchard Park - Master Plan	Parks	-	-	65,000	-	-	-	Page 183
3. Medium	Pioneer Park Master Plan	Parks	-	15,000	-	-	-	-	Page 186
3. Medium	Resurface Basketball Court - Easthill Park	Parks	-	-	-	32,000	-	-	Page 205
3. Medium	Rocky Point Park - Picnic Table Replacement	Parks	-	-	-	22,000	-	-	Page 209
3. Medium	Shoreline Bike Path Replacement	Parks	-	-	30,000	215,000	320,000	-	Page 210
3. Medium	Tennis Court Lighting Conversion (LED)	Parks	-	-	130,000	-	-	-	Page 211
Projects Total			322,660	352,500	335,000	488,000	490,000	110,000	
Capital Program Allocation Total			332,583	381,795	431,142	480,894	533,350	587,159	
Capital Program - Parks Maintenance Balance			9,923	39,218	135,360	128,254	171,604	648,763	

Asset Reserve - Capital Programs	Division	2016	2017	2018	2019	2020	2021	Projects Detail
		Revised Budget	Plan	Plan	Plan	Plan	Plan	
Projects Grand Total		2,545,306	3,628,950	2,971,296	2,607,000	2,962,000	2,127,440	
Position Funding - Budget Analyst and GIS		-	38,333	38,333	38,333	38,333	38,333	
One-Time Funding - Gax Tax		131,216	34,000	34,000	34,000	34,000	-	
Capital Program Allocation - One-Time funding Equipment City and MTP			445,852					
Capital Program Projects Grand Total		2,414,090	3,187,432	2,975,629	2,611,333	2,966,333	2,165,773	
Capital Program Allocation Grand Total		2,459,999	2,824,000	3,189,000	3,556,999	3,945,000	4,343,001	
Capital Program Cumulative Balance		45,909	317,523	104,152	841,514	1,820,181	3,997,409	

Asset Reserve 2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
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Community Services

Cultural Services

2. High	Bistro Gate	Asset Reserve - Equipment - City	12,000	0	0	0	0	Page 20	CCU17106
2. High	Bistro/Galleria Tables and Benches	Asset Reserve - Equipment - City	0	0	0	0	10,000	Page 21	
2. High	Council Presentation Video Screen	Asset Reserve - Equipment - City	10,000	0	0	0	0	Page 19	CCU17105
2. High	Council Projector Replacement	Asset Reserve - Equipment - City	14,000	0	0	0	0	Page 11	CCU17101
2. High	Film Projector Replacement	Asset Reserve - Equipment - City	0	0	0	31,000	0	Page 7	
2. High	Inlet Theatre Stage Refinishing and Drapery Cleaning	Asset Reserve - Unallocated	0	0	20,000	0	0	Page 15	
2. High	Mackie SM250 and Amplifier Replacment	Asset Reserve - Equipment - City	0	0	0	0	7,500	Page 17	
2. High	Museum Back Deck Replacement	Asset Reserve - Unallocated	20,000	0	0	0	0	Page 14	CCU17104
2. High	Museum Railway Plinths /RR crossing rebuild	Asset Reserve - Unallocated	35,000	0	0	0	0	Page 13	CCU17103
2. High	Replacement of Bistro Bar Fridge	Asset Reserve - Equipment - City	6,000	0	0	0	0	Page 12	CCU17102
2. High	Replacement of concert audio console and misc audio equipment	Asset Reserve - Equipment - City	0	0	0	28,000	0	Page 8	
2. High	Replacement of Fesnel Lights	Asset Reserve - Equipment - City	0	0	0	24,000	0	Page 10	
2. High	Video System Upgrade	Asset Reserve - Equipment - City	0	0	0	0	20,000	Page 18	
2. High	Wired and Wireless Microphone Replacement	Asset Reserve - Equipment - City	0	0	0	20,000	0	Page 9	
3. Medium	Compressor/gates, patch bay, drive rack and presentation computer	Asset Reserve - Equipment - City	0	9,500	0	0	0	Page 16	
Cultural Services Projects Total			97,000	9,500	20,000	103,000	37,500		

Facilities

0. Pre-Approved	Carpenters Shop - Installation of Safety Systems, Dust and Electrical	Asset Reserve - Facilities Maintenance	60,000	0	0	0	0	Page 106	CFC17101
0. Pre-Approved	Facilities - Outdoor pool vacuums (2)	Asset Reserve - Equipment - City	6,000	0	0	0	0	Page 92	OFC17001
0. Pre-Approved	Old Mill Boathouse - Install air conditioner	Asset Reserve - Facilities Maintenance	25,000	0	0	0	0	Page 88	CFC17102
0. Pre-Approved	Old Orchard Hall Caretaker Residence - Complete refurbishment	Asset Reserve - Facilities Maintenance	350,000	0	0	0	0	Page 41	CFC17103
0. Pre-Approved	Public Safety Building - Evidence Room Air Handling Improvements	Asset Reserve - Unallocated	350,000	0	0	0	0	Page 104	CFC17105
0. Pre-Approved	Recreation Complex - Curling Lounge walkway railing repairs	Asset Reserve - Facilities Maintenance	15,000	0	0	0	0	Page 91	OFC17002
0. Pre-Approved	Rocky Point Pool - Conversion of disinfection system to liquid chlorine	Asset Reserve - Facilities Maintenance	40,000	0	0	0	0	Page 93	CFC17104
2. High	Arts Centre - Elevator replacement	Asset Reserve - Facilities Maintenance	0	0	75,000	0	0	Page 31	
2. High	Arts Centre - Fire Life Safety component replacement	Asset Reserve - Facilities Maintenance	0	0	0	0	80,000	Page 84	
2. High	Arts Centre - Flooring replacement	Asset Reserve - Facilities Maintenance	0	0	0	0	68,000	Page 76	
2. High	Carpenters Shop - Construction - Safety Systems, Dust and Electrical	Asset Reserve - Facilities Maintenance	200,000	0	0	0	0	Page 50	CFC17112
2. High	Civic Centre - Drain tile investigation	Asset Reserve - Facilities Maintenance	0	8,000	0	0	0	Page 28	
2. High	Civic Centre - Interior painting	Asset Reserve - Facilities Maintenance	0	0	0	0	50,000	Page 72	
2. High	Civic Centre - Internal Exhaust fan replacement	Asset Reserve - Facilities Maintenance	0	0	0	0	30,000	Page 79	
2. High	Civic Centre - Replace security gate, second floor	Asset Reserve - Facilities Maintenance	0	20,000	0	0	0	Page 87	
2. High	Civic Centre - Replacement of Meeting Room Chairs	Asset Reserve - Facilities Maintenance	0	0	30,000	0	0	Page 94	
2. High	Facilities - Apply non-slip coating to outdoor pool changeroom floors	Asset Reserve - Facilities Maintenance	0	0	60,000	0	0	Page 89	
2. High	Facilities - Guard rail inspection, multiple facilities	Asset Reserve - Facilities Maintenance	0	60,000	0	0	0	Page 35	
2. High	Facilities - HVAC controls replacement	Asset Reserve - Facilities Maintenance	0	0	0	80,000	0	Page 42	
2. High	Facilities - Multiple buildings, electrical system scan, service and repairs	Asset Reserve - Facilities Maintenance	0	350,000	0	0	0	Page 40	
2. High	Facilities - Replace hot water tanks and furnaces - multiple buildings, one of two	Asset Reserve - Facilities Maintenance	0	0	70,000	0	0	Page 39	
2. High	Facilities - Replace hot water tanks and furnaces - multiple buildings, two of two	Asset Reserve - Facilities Maintenance	0	0	0	0	79,000	Page 43	
2. High	Facilities - Replacement of water treatment equipment	Asset Reserve - Facilities Maintenance	0	0	0	0	10,000	Page 69	
2. High	Fire Hall 2 - Envelope condition assessment	Asset Reserve - Facilities Maintenance	45,000	0	0	0	0	Page 32	OFC17004
2. High	Fire Hall 2 - Exterior Repairs	Asset Reserve - Facilities Maintenance	0	0	0	90,000	0	Page 30	
2. High	Fire Hall 2 - Fire alarm system replacement	Asset Reserve - Facilities Maintenance	0	0	0	50,000	0	Page 33	
2. High	Fire Hall 2 - HVAC replacement	Asset Reserve - Facilities Maintenance	0	0	0	50,000	0	Page 48	
2. High	Glenayre Centre - Fire Life Safety component replacement	Asset Reserve - Facilities Maintenance	0	0	0	80,000	0	Page 29	
2. High	HMCC - Replace hydronic loop recirculation pump	Asset Reserve - Facilities Maintenance	0	0	14,500	0	0	Page 27	

Asset Reserve 2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
2. High	Old Fire Hall - Exterior repairs and roof replacement	Asset Reserve - Facilities Maintenance	0	0	0	175,000	0	Page 71	
2. High	Old Mill Boathouse - Exterior repairs and painting	Asset Reserve - Facilities Maintenance	0	0	0	54,000	0	Page 37	
2. High	Old Orchard Hall - Exterior repairs	Asset Reserve - Facilities Maintenance	0	0	500,000	0	0	Page 47	
2. High	Public Safety Building - BECA and Mechanical Re-Commissioning	Asset Reserve - Facilities Maintenance	100,000	0	0	0	0	Page 105	CFC17113
2. High	Public Safety Building - Carpet replacement	Asset Reserve - Facilities Maintenance	0	0	0	0	153,000	Page 98	
2. High	Public Safety Building - Exterior Repairs	Asset Reserve - Facilities Maintenance	0	0	0	0	115,000	Page 95	
2. High	Public Safety Building - Interior painting	Asset Reserve - Facilities Maintenance	0	0	0	0	117,000	Page 70	
2. High	Recreation Complex - Arena Zamboni Door-Motor & Gear Replacement	Asset Reserve - Facilities Maintenance	0	15,000	0	0	0	Page 96	
2. High	Recreation Complex - Exterior building mounted and parking lot relamping, 2 year cycle	Asset Reserve - Facilities Maintenance	0	9,000	0	0	0	Page 26	
2. High	Recreation Complex - Hardscape and Landscape Renovation [Multiple Funding Src]	Asset Reserve - Facilities Maintenance	24,000	0	0	0	0	Page 108	OFC17006
2. High	Recreation Complex - Hardscape and Landscape Renovation [Multiple Funding Src]	Asset Reserve - Parks	6,000	0	0	0	0	Page 108	OFC17006
2. High	Recreation Complex - Hot water storage tank replacement	Asset Reserve - Facilities Maintenance	0	0	0	87,000	0	Page 45	
2. High	Recreation Complex - Installation of public address sound system for the entire complex	Asset Reserve - Facilities Maintenance	80,000	0	0	0	0	Page 44	CFC17111
2. High	Recreation Complex - Interior Painting	Asset Reserve - Facilities Maintenance	0	0	60,000	0	0	Page 34	
2. High	Recreation Complex - Replace tile flooring second floor SRC	Asset Reserve - Facilities Maintenance	0	150,000	0	0	0	Page 36	
2. High	Rocky Point Pool - Building drain tile replacement	Asset Reserve - Facilities Maintenance	0	0	0	100,000	0	Page 83	
2. High	Westhill Centre - Roof Replacement	Asset Reserve - Facilities Maintenance	0	0	0	155,000	0	Page 46	
2. High	Westhill Pool - Pool water to sanitary design	Asset Reserve - Facilities Maintenance	0	50,000	0	0	0	Page 38	
3. Medium	Civic Center - Carpet Replacement: 2nd floor	Asset Reserve - Facilities Maintenance	0	85,000	0	0	0	Page 53	
3. Medium	Civic Center - Carpet Replacement: Theatre/Green Rm/Brovold Rm	Asset Reserve - Facilities Maintenance	0	75,000	0	0	0	Page 52	
3. Medium	Civic Centre - Carpet Replacement, first floor	Asset Reserve - Facilities Maintenance	0	85,000	0	0	0	Page 54	
3. Medium	Civic Centre - Replacement of sumps and sump controls	Asset Reserve - Facilities Maintenance	0	0	60,000	0	0	Page 58	
3. Medium	Civic Centre - Washroom upgrades	Asset Reserve - Facilities Maintenance	0	0	0	100,000	0	Page 57	
3. Medium	Facilities - Camera scope of main drain lines clean out of lines	Asset Reserve - Facilities Maintenance	0	0	0	50,000	0	Page 60	
3. Medium	Facilities - Envelope condition assessments, multiple buildings	Asset Reserve - Facilities Maintenance	0	0	0	0	100,000	Page 77	
3. Medium	Facilities - Lighting Retrofit	Asset Reserve - Facilities Maintenance	80,850	0	0	0	0	Page 64	OFC17005
3. Medium	Facilities - Parking lot line repainting, 2	Asset Reserve - Facilities Maintenance	0	0	22,000	0	0	Page 62	
3. Medium	Fire Hall 2 - Site work	Asset Reserve - Facilities Maintenance	0	0	0	25,000	0	Page 68	
3. Medium	Glenayre Centre - Drain tile rebuild	Asset Reserve - Facilities Maintenance	0	0	75,000	0	0	Page 67	
3. Medium	Glenayre Centre - Install alarm system	Asset Reserve - Facilities Maintenance	0	21,000	0	0	0	Page 55	
3. Medium	Glenayre Centre - Parking lot repairs and repaving	Asset Reserve - Facilities Maintenance	0	0	0	60,000	0	Page 82	
3. Medium	Glenayre Centre - Replace resilient flooring	Asset Reserve - Facilities Maintenance	0	0	0	0	40,000	Page 80	
3. Medium	Glenayre Centre - Roof and exterior repairs	Asset Reserve - Facilities Maintenance	0	0	0	46,000	0	Page 65	
3. Medium	HMCC - Interior painting	Asset Reserve - Facilities Maintenance	0	25,000	0	0	0	Page 59	
3. Medium	NSFH - Heating System overhaul	Asset Reserve - Facilities Maintenance	0	0	0	0	5,000	Page 75	
3. Medium	Old Mill Boathouse - Elevator replacement	Asset Reserve - Facilities Maintenance	0	0	0	0	33,000	Page 78	
3. Medium	Old Mill Boathouse - Floor Refurbishing	Asset Reserve - Facilities Maintenance	0	0	0	20,000	0	Page 81	
3. Medium	Old Orchard Hall - Air conditioning Design	Asset Reserve - Facilities Maintenance	0	15,000	0	0	0	Page 61	
3. Medium	Old Orchard Hall - Exhaust fan replacement	Asset Reserve - Facilities Maintenance	0	0	0	0	16,000	Page 49	
3. Medium	Public Safety Building - Replacement of assorted mechanical equipment	Asset Reserve - Facilities Maintenance	0	0	0	0	28,000	Page 86	
3. Medium	Recreation Complex - Arena 1, bleacher refinishing	Asset Reserve - Facilities Maintenance	0	0	0	0	75,000	Page 90	
3. Medium	Recreation Complex - Replace exhaust fan and amonia sensor in Zamboni room	Asset Reserve - Facilities Maintenance	0	0	0	0	40,000	Page 74	
3. Medium	Recreation Complex - Replace hydronic water treatment unit	Asset Reserve - Facilities Maintenance	0	0	0	0	12,500	Page 73	
3. Medium	Recreation Complex - Replace SRC Skylight	Asset Reserve - Facilities Maintenance	0	0	0	0	90,000	Page 85	
3. Medium	Recreation Complex - Replace steam generator	Asset Reserve - Facilities Maintenance	0	10,000	0	0	0	Page 63	

Asset Reserve 2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
3. Medium	Recreation Complex - Wellness Room Floor Replacement	Asset Reserve - Facilities Maintenance	0	0	90,000	0	0	Page 56	
3. Medium	Westhill Centre - Washroom rebuild	Asset Reserve - Facilities Maintenance	0	40,000	0	0	0	Page 66	
Facilities Projects Total			1,381,850	1,018,000	1,056,500	1,222,000	1,141,500		
Recreation									
0. Pre-Approved	Replacement of Selectorized Weight Equipment	Asset Reserve - Equipment - City	105,000	0	0	0	0	Page 110	CRS17101
2. High	CLASS Replacement - Implementation costs	Asset Reserve - Equipment - City	70,000	0	0	0	0	Page 115	CRS17104
2. High	ESS Capital budget	Asset Reserve - Equipment - City	8,000	0	0	0	0	Page 112	CRS17103
2. High	Recreation Complex Spin Bike Replacement	Asset Reserve - Equipment - City	0	0	0	0	40,000	Page 116	
2. High	Recreation Complex Spinning Bike Replacement	Asset Reserve - Equipment - City	40,000	0	0	0	0	Page 109	CRS17102
2. High	Replacement of Cardio Equipment in Recreation Complex Weight room	Asset Reserve - Equipment - City	0	0	0	210,000	0	Page 111	
Recreation Projects Total			223,000	0	0	210,000	40,000		
Community Services Projects Total			1,701,850	1,027,500	1,076,500	1,535,000	1,219,000		

Development Services

Building, Bylaw & Licensing									
0. Pre-Approved	Microfiche Scanning	Asset Reserve - Unallocated	6,500	0	0	0	0	Page 118	OBL17001
Building, Bylaw & Licensing Projects Total			6,500	0	0	0	0		
Development Services Projects Total			6,500	0	0	0	0		

Engineering & Operations

Engineering									
0. Pre-Approved	Above-Ground Infrastructure - Planning/Asset Management	Asset Reserve - Transportation	75,000	75,000	75,000	75,000	75,000	Page 120	OEN17001
0. Pre-Approved	Bridge Upgrades - Barnet Hwy Overpass [Multiple Funding Src]	Asset Reserve - Transportation	277,000	0	0	0	0	Page 122	CEN17103
0. Pre-Approved	Contributed Assets Handover from EGRT	Asset Reserve - Unallocated	65,000	0	0	0	0	Page 124	OEN17003
0. Pre-Approved	LRN Road Reconstruction	Asset Reserve - Transportation	350,000	0	350,000	350,000	350,000	Page 126	CEN17104
0. Pre-Approved	Traffic Safety Initiatives	Asset Reserve - Transportation	50,000	50,000	50,000	50,000	0	Page 133	OEN17002
0. Pre-Approved	Traffic Signal Infrastructure - Maintenance and Replacement [Multiple Funding Src]	Asset Reserve - Transportation	50,000	50,000	50,000	50,000	0	Page 134	CEN17105
0. Pre-Approved	Transit Infrastructure - Bus Stop Improvements	Asset Reserve - Transportation	25,000	25,000	25,000	25,000	0	Page 135	CEN17102
1. Council	MTP Planning and Design	Asset Reserve - Unallocated	150,000	0	0	0	0	Page 136	CEN17111
1. Council	Street Name Sign Replacement Program [Multiple Funding Src]	Asset Reserve - Transportation	25,000	25,000	25,000	25,000	25,000	Page 131	CEN17101
2. High	Bridge Maintenance - Scoping, Assessment & Repairs	Asset Reserve - Transportation	50,000	50,000	50,000	50,000	50,000	Page 121	OEN17004
2. High	CP Rail Crossings - Project Implementation	Asset Reserve - Transportation	0	50,000	50,000	50,000	0	Page 125	
2. High	Newport Drive /Ungless Way Crosswalk Enhancements	Asset Reserve - Transportation	75,000	0	0	0	0	Page 128	CEN17109
2. High	Streetlighting Replacement Program [Multiple Funding Src]	Asset Reserve - Transportation	35,000	35,000	35,000	35,000	35,000	Page 132	CEN17110
3. Medium	Road Surface Temperature Sensors	Asset Reserve - Transportation	58,000	0	0	0	0	Page 129	OEN17005
Engineering Projects Total			1,285,000	360,000	710,000	710,000	535,000		
Engineering & Operations Projects Total			1,285,000	360,000	710,000	710,000	535,000		

Environment & Parks

Parks									
0. Pre-Approved	Chafer Beetle Management Program - City Lands	Asset Reserve - Parks	5,000	5,000	5,000	5,000	5,000	Page 214	OPK17002
0. Pre-Approved	Horticulture Vegetation Replacement Program	Asset Reserve - Parks	15,000	15,000	15,000	15,000	15,000	Page 179	CPK17101
0. Pre-Approved	Ioco Road Medians - Chafer Beetle Resistant Turf Replacement	Asset Reserve - Parks	30,000	0	0	0	0	Page 181	CPK17102
0. Pre-Approved	North Shore Community Park - Soccer Field (Natural Turf /Grass Renewal)	Asset Reserve - Parks	10,000	0	0	0	0	Page 182	CPK17103
0. Pre-Approved	Parks Infrastructure - Planning/Asset Management	Asset Reserve - Parks	25,000	25,000	25,000	25,000	25,000	Page 184	OPK17003
2. High	Greenleaf Parkette - Retaining Wall Rehabilitation	Asset Reserve - Parks	0	0	10,000	0	0	Page 178	
2. High	Playground Equipment Repair	Asset Reserve - Parks	15,000	15,000	15,000	15,000	15,000	Page 187	OPK17005
2. High	Playground Rehabilitation - Art Wilkinson Park	Asset Reserve - Parks	10,000	0	0	0	0	Page 215	CPK17108
2. High	Playground Rehabilitation - Barber Street Playground Area	Asset Reserve - Parks	0	0	39,000	0	0	Page 188	
2. High	Playground Rehabilitation - Seaview Playground Area	Asset Reserve - Parks	0	0	0	60,000	0	Page 189	
2. High	Playground Rehabilitation - Twin Creek Parkette Playground	Asset Reserve - Parks	0	0	30,000	0	0	Page 190	
2. High	Resurface Tennis Courts - Chestnut Park Reservoir	Asset Reserve - Parks	30,000	0	0	0	0	Page 207	CPK17107
2. High	Resurface Tennis Courts - Easthill Park	Asset Reserve - Parks	30,000	0	0	0	0	Page 206	CPK17106
2. High	Rocky Point Park - Master Plan Review	Asset Reserve - Parks	71,500	0	0	0	0	Page 208	OPK17006
2. High	Urban Forestry - Tree Removals/Mitigation for City Lands	Asset Reserve - Parks	50,000	50,000	50,000	50,000	50,000	Page 213	OPK17008

Asset Reserve 2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
3. Medium	Design and Feasibility Study - Shoreline Trail Boardwalk	Asset Reserve - Parks	40,000	0	0	0	0	Page 176	CPK17105
3. Medium	Flavelle Park - Rehabilitate Wooden Deck	Asset Reserve - Parks	0	0	30,000	0	0	Page 177	
3. Medium	Old Orchard Park - Master Plan	Asset Reserve - Parks	0	65,000	0	0	0	Page 183	
3. Medium	Pioneer Park Master Plan	Asset Reserve - Parks	15,000	0	0	0	0	Page 186	OPK17004
3. Medium	Resurface Basketball Court - Easthill Park	Asset Reserve - Parks	0	0	32,000	0	0	Page 205	
3. Medium	Rocky Point Park - Picnic Table Replacement	Asset Reserve - Parks	0	0	22,000	0	0	Page 209	
3. Medium	Shoreline Bike Path Replacement	Asset Reserve - Parks	0	30,000	215,000	320,000	0	Page 210	
3. Medium	Tennis Court Lighting Conversion (LED)	Asset Reserve - Parks	0	130,000	0	0	0	Page 211	
Parks Projects Total			346,500	335,000	488,000	490,000	110,000		
Environment & Parks Projects Total			346,500	335,000	488,000	490,000	110,000		

Finance & Technology

Information Services									
0. Pre-Approved	Budget Software Implementation	Asset Reserve - Unallocated	35,000	0	0	0	0	Page 226	CIS17102
0. Pre-Approved	TEMPEST Upgrades	Asset Reserve - Equipment - City	25,000	0	0	0	0	Page 224	CIS17101
0. Pre-Approved	Upgrade Orthophotos	Asset Reserve - Unallocated	12,000	12,000	12,000	12,000	0	Page 221	OIS17001
2. High	Agresso Upgrades	Asset Reserve - Equipment - City	0	0	35,000	0	35,000	Page 222	
2. High	Backup Server Replacements	Asset Reserve - Equipment - City	0	15,000	0	0	15,000	Page 223	
2. High	Disk Array Replacement	Asset Reserve - Equipment - City	0	0	0	0	65,000	Page 229	
2. High	Network Switch Replacement	Asset Reserve - Equipment - City	0	110,000	0	0	0	Page 227	
2. High	Virtual Server Replacement	Asset Reserve - Equipment - City	0	0	0	58,000	0	Page 228	
3. Medium	Project Planning Software	Asset Reserve - Equipment - City	0	30,000	0	0	0	Page 230	
Information Services Projects Total			72,000	167,000	47,000	70,000	115,000		
Finance & Technology Projects Total			72,000	167,000	47,000	70,000	115,000		

Police

Police									
0. Pre-Approved	Cell Phone Forensic Triage	Asset Reserve - Equipment - Police	15,600	0	0	0	0	Page 271	CPD17101
2. High	Approved Screening Device Replacement	Asset Reserve - Equipment - Police	0	0	11,500	0	0	Page 249	
2. High	Cell Recording System	Asset Reserve - Equipment - Police	0	0	75,000	0	0	Page 239	
2. High	Computers New and Replacement	Asset Reserve - Equipment - Police	27,300	27,300	27,300	27,300	27,300	Page 240	CPD17102
2. High	Covert Laptop	Asset Reserve - Equipment - Police	0	6,000	0	0	0	Page 247	
2. High	DNA Fridge	Asset Reserve - Equipment - Police	15,000	0	0	0	0	Page 269	CPD17105
2. High	External Hard Armor	Asset Reserve - Equipment - Police	0	0	16,500	23,500	0	Page 250	
2. High	Forensic Light	Asset Reserve - Equipment - Police	0	0	0	27,000	0	Page 248	
2. High	IT Backup	Asset Reserve - Equipment - Police	0	0	0	60,000	0	Page 270	
2. High	Replacement LAN Server	Asset Reserve - Equipment - Police	0	0	0	0	75,000	Page 241	
2. High	Replacement Laptops for Police Cars	Asset Reserve - Equipment - Police	19,200	19,200	19,200	19,200	19,200	Page 242	CPD17103
2. High	Replacement of Photocopiers and Printers	Asset Reserve - Equipment - Police	0	0	18,000	0	0	Page 243	
2. High	Replacement of UPS Batteries	Asset Reserve - Equipment - Police	0	0	0	0	12,740	Page 267	
2. High	Software Upgrade	Asset Reserve - Equipment - Police	0	0	33,000	0	0	Page 244	
2. High	Telephone Infrastructure	Asset Reserve - Equipment - Police	0	0	0	0	14,200	Page 268	
2. High	Telephone Router	Asset Reserve - Equipment - Police	0	0	5,000	0	0	Page 246	
2. High	Telephone System - VOIP	Asset Reserve - Equipment - Police	50,000	0	0	0	0	Page 245	CPD17104
Police Projects Total			127,100	52,500	205,500	157,000	148,440		
Police Projects Total			127,100	52,500	205,500	157,000	148,440		

Sewer & Drainage

Sewer & Drainage									
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Asset Reserve - Transportation	15,000	500,000	0	0	0	Page 280	CSD17106
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Asset Reserve - Unallocated	0	529,296	0	0	0	Page 280	CSD17106
Sewer & Drainage Projects Total			15,000	1,029,296	0	0	0		
Sewer & Drainage Projects Total			15,000	1,029,296	0	0	0		

Water

Asset Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Water									
2. High	Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src]	Asset Reserve - Transportation	75,000	0	0	0	0	Page 327	CWT17101
4. Low	College Park Way (Cecile Dr to Oxford Dr) [Multiple Funding Src]	Asset Reserve - Transportation	0	0	80,000	0	0	Page 310	
Water Projects Total			75,000	0	80,000	0	0		
Water Projects Total			75,000	0	80,000	0	0		
Total Projects			3,628,950	2,971,296	2,607,000	2,962,000	2,127,440		

City of Port Moody
Council Strategic Priorities Reserve
Account # 3427
For the Years 2017 - 2021

Description	2,017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	-453,419	-199,020	-35,896	299,493	614,822
Proposed Funding					
Proposed Funding	372,500	372,500	372,500	372,500	372,500
2016 Operating Surplus Transfer	250,000				
Other					
Transfer to Artworks Reserve 0.3% of all projects	-1,101	-626	-111	-171	-96
Project Funding					
Proposed Projects	-367,000	-208,750	-37,000	-57,000	-32,000
Estimated closing balance	-199,020	-35,896	299,493	614,822	955,226

Council Strategic Priorities Reserve 2017 - 2021 Project Detail by Priority

Project Name		Division	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
0. Pre-Approved									
0. Pre-Approved	Canada 150 Celebration	Cultural Services	50,000	0	0	0	0	Page 4	OCU17002
0. Pre-Approved	Facilities Fleet - New Ford 150	Facilities	40,000	0	0	0	0	Page 99	CFC17106
0. Pre-Approved	Invasive Plants - Spartina and Knotweed Program	Sustainability	30,000	0	0	0	0	Page 217	OSU17001
0. Pre-Approved	Pilot Designated Anchorage Area	Parks	20,000	20,000	20,000	20,000	20,000	Page 185	OPK17001
0. Pre-Approved	Youth Strategy	Recreation	5,000	0	0	0	0	Page 114	ORS17001
0. Pre-Approved Projects Total			145,000	20,000	20,000	20,000	20,000		
2. High									
2. High	Council Strategic Plan Goals	City Manager	150,000	0	0	0	0	Page 1	OCM17001
2. High	Facilities - Auto scrubber	Facilities	0	0	0	20,000	0	Page 97	
2. High	Financial Reporting and Audit Software	Finance	25,000	0	0	0	0	Page 219	OFI17002
2. High	In-stream Fish Habitat Infrastructure Management Plan	Sustainability	20,000	0	0	0	0	Page 218	CSU17101
2. High	Mayor's Community Events	City Manager	5,000	5,000	5,000	5,000	5,000	Page 2	OCM17002
2. High	Residential Chafer Beetle Coupon Program	Operations	7,000	7,000	7,000	7,000	7,000	Page 171	OOP17003
2. High Projects Total			207,000	12,000	12,000	32,000	12,000		
3. Medium									
3. Medium	Benchmarking	Operations	0	5,000	5,000	5,000	0	Page 137	
3. Medium	eApply for Permits	Building, Bylaw & Licensing	0	156,750	0	0	0	Page 117	
3. Medium	Library Strategic Planning	Library	15,000	0	0	0	0	Page 238	OLI17001
3. Medium	Optical Character Recognition Software	Information Services	0	15,000	0	0	0	Page 225	
3. Medium Projects Total			15,000	176,750	5,000	5,000	0		
Total Projects			367,000	208,750	37,000	57,000	32,000		

Council Strategic Priorities Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
City Administration									
City Manager									
2. High	Council Strategic Plan Goals	Council Strategic Priorities Reserve	150,000	0	0	0	0	Page 1	OCM17001
2. High	Mayor's Community Events	Council Strategic Priorities Reserve	5,000	5,000	5,000	5,000	5,000	Page 2	OCM17002
City Manager Projects Total			155,000	5,000	5,000	5,000	5,000		
City Administration Projects Total			155,000	5,000	5,000	5,000	5,000		
Community Services									
Cultural Services									
0. Pre-Approved	Canada 150 Celebration	Council Strategic Priorities Reserve	50,000	0	0	0	0	Page 4	OCU17002
Cultural Services Projects Total			50,000	0	0	0	0		
Facilities									
0. Pre-Approved	Facilities Fleet - New Ford 150	Council Strategic Priorities Reserve	40,000	0	0	0	0	Page 99	CFC17106
2. High	Facilities - Auto scrubber	Council Strategic Priorities Reserve	0	0	0	20,000	0	Page 97	
Facilities Projects Total			40,000	0	0	20,000	0		
Recreation									
0. Pre-Approved	Youth Strategy	Council Strategic Priorities Reserve	5,000	0	0	0	0	Page 114	ORS17001
Recreation Projects Total			5,000	0	0	0	0		
Community Services Projects Total			95,000	0	0	20,000	0		
Development Services									
Building, Bylaw & Licensing									
3. Medium	eApply for Permits	Council Strategic Priorities Reserve	0	156,750	0	0	0	Page 117	
Building, Bylaw & Licensing Projects Total			0	156,750	0	0	0		
Development Services Projects Total			0	156,750	0	0	0		
Engineering & Operations									
Operations									
2. High	Residential Chafer Beetle Coupon Program	Council Strategic Priorities Reserve	7,000	7,000	7,000	7,000	7,000	Page 171	OOP17003
3. Medium	Benchmarking	Council Strategic Priorities Reserve	0	5,000	5,000	5,000	0	Page 137	
Operations Projects Total			7,000	12,000	12,000	12,000	7,000		
Engineering & Operations Projects Total			7,000	12,000	12,000	12,000	7,000		
Environment & Parks									
Parks									
0. Pre-Approved	Pilot Designated Anchorage Area	Council Strategic Priorities Reserve	20,000	20,000	20,000	20,000	20,000	Page 185	OPK17001
Parks Projects Total			20,000	20,000	20,000	20,000	20,000		
Sustainability									
0. Pre-Approved	Invasive Plants - Spartina and Knotweed Program	Council Strategic Priorities Reserve	30,000	0	0	0	0	Page 217	OSU17001
2. High	In-stream Fish Habitat Infrastructure Management Plan	Council Strategic Priorities Reserve	20,000	0	0	0	0	Page 218	CSU17101
Sustainability Projects Total			50,000	0	0	0	0		
Environment & Parks Projects Total			70,000	20,000	20,000	20,000	20,000		
Finance & Technology									
Finance									
2. High	Financial Reporting and Audit Software	Council Strategic Priorities Reserve	25,000	0	0	0	0	Page 219	OFI17002
Finance Projects Total			25,000	0	0	0	0		
Information Services									
3. Medium	Optical Character Recognition Software	Council Strategic Priorities Reserve	0	15,000	0	0	0	Page 225	
Information Services Projects Total			0	15,000	0	0	0		
Finance & Technology Projects Total			25,000	15,000	0	0	0		
Library									
Library									
3. Medium	Library Strategic Planning	Council Strategic Priorities Reserve	15,000	0	0	0	0	Page 238	OLI17001
Library Projects Total			15,000	0	0	0	0		
Library Projects Total			15,000	0	0	0	0		
Total Projects			367,000	208,750	37,000	57,000	32,000		

City of Port Moody
286 General Amenities
Account # 2804
For the Years 2017 - 2021

Description	2,017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	116,030	100,985	85,940	70,895	55,850
Other					
Transfer to Artworks Reserve 0.3% of all projects	-45	-45	-45	-45	-45
Project Funding					
Proposed projects	-15,000	-15,000	-15,000	-15,000	-15,000
Estimated closing balance	100,985	85,940	70,895	55,850	40,805

286 General Amenities_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Environment & Parks									
Parks									
3. Medium	Tree Replacement Program	286 General Amenities	15,000	15,000	15,000	15,000	15,000	Page 212	OPK17007
Parks Projects Total			15,000	15,000	15,000	15,000	15,000		
Environment & Parks Projects Total			15,000	15,000	15,000	15,000	15,000		
Total Projects			15,000	15,000	15,000	15,000	15,000		

City of Port Moody
Accumulated Surplus
Account # 3901 Fund 11
For the Years 2017 - 2021

Description	2017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Surplus Opening Balance	665,033	704,794	704,794	704,794	704,794
Proposed Funding					
2016 Estimated Operating Surplus	815,283				
2016 Operating Surplus Transfer to CSPR	-250,000				
Transfer 75% of 2016 Year Surplus to Asset Reserve	-423,962				
Other					
Funding for Community Events	-65,630				
Project Funding					
Project Funding	-35,930	0	0	0	0
Estimated closing balance	704,794	704,794	704,794	704,794	704,794

Accumulated Surplus_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Community Services									
Recreation									
1. Council	Seniors Gathering Space Operation Funds	Accumulated Surplus	35,930	0	0	0	0	Page 113	ORS17002
Recreation Projects Total			35,930	0	0	0	0		
Community Services Projects Total			35,930	0	0	0	0		
Total Projects			35,930	-	-	-	-		

City of Port Moody
Art Works Reserve
Account # 3501
For the Years 2017 - 2021

Description	2,017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	76,920	87,295	96,048	97,929	101,570
Proposed Funding					
Proposed Funding	29,776	25,452	18,881	20,981	24,218
Project Funding					
Project Funding	-19,400	-16,700	-17,000	-17,340	-17,700
Estimated closing balance	87,295	96,048	97,929	101,570	108,089

Art Works Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Community Services									
Cultural Services									
0. Pre-Approved	Moody Street Overpass Public Art (Knots) Garden Maintenance	Art Works Reserve	3,000	0	0	0	0	Page 3	OCU17001
2. High	Public Art Program Coordination	Art Works Reserve	16,400	16,700	17,000	17,340	17,700	Page 6	OCU17003
Cultural Services Projects Total			19,400	16,700	17,000	17,340	17,700		
Community Services Projects Total			19,400	16,700	17,000	17,340	17,700		
Total Projects			19,400	16,700	17,000	17,340	17,700		

City of Port Moody
Development Process Reserve
Account # 3405
For the Years 2017 - 2021

Description	2,017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	891,659	485,046	130,333	-219,930	-565,793
Proposed Funding					
Proposed Funding	42,700	47,700	52,700	57,700	62,700
Proposed funding to development positions	-432,313	-402,413	-402,963	-403,563	-404,138
Project Funding					
Proposed projects	-17,000	0	0	0	0
Estimated closing balance					
	485,046	130,333	-219,930	-565,793	-907,231

Development Process Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Development Services									
Planning									
2. High	Tempest Development Application Tracking Updates	Development Process Reserve	17,000	0	0	0	0	Page 119	CPL17101
Planning Projects Total			17,000	0	0	0	0		
Development Services Projects Total			17,000	0	0	0	0		
Total Projects			17,000	-	-	-	-		

City of Port Moody
Equipment Replacement Reserve Fund
Account # 3601,3602,3604,3605,3606,3607,3608,3601,3901
For the Years 2017 - 2021

Description	2017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	3,089,991	2,195,567	3,249,583	3,570,514	3,211,987
Proposed Funding					
Equipment Replacement Provision	923,543	1,007,292	1,091,042	1,174,792	1,258,541
Internal Borrowing Repayment					
Garbage Repayment	51,379	50,379	49,479	28,979	28,379
Recycling Repayment	46,843	46,038	45,163	30,428	29,868
Green Waste Repayment	86,993	85,498	83,873	56,508	55,468
Glass Recycling Repayment	17,160	16,860	16,560	0	0
Other					
Transfer to Artworks Reserve 0.3% of all projects	-6,043	-455	-2,887	-4,933	-1,172
Project Funding					
Project Funding	-2,014,300	-151,595	-962,300	-1,644,300	-390,800
Estimated closing balance					
	2,195,567	3,249,583	3,570,514	3,211,987	4,192,271

Equipment Replacement Reserve Fund 2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Community Services									
Cultural Services									
2. High	Replacement of Cultural Services Van	Equipment Replacement Reserve Fund	0	0	36,750	0	0	Page 5	
Cultural Services Projects Total			0	0	36,750	0	0		
Facilities									
0. Pre-Approved	Facilities Fleet - Replace FC050 - 2009 Ford Econo Van	Equipment Replacement Reserve Fund	55,000	0	0	0	0	Page 23	CFC17109
0. Pre-Approved	Facilities Fleet - Replace FC058 - 2007 Ford Econo Van with Ford Transit	Equipment Replacement Reserve Fund	42,750	0	0	0	0	Page 24	CFC17107
0. Pre-Approved	Facilities Fleet - replace RS054, 05 Zamboni, X24113	Equipment Replacement Reserve Fund	200,000	0	0	0	0	Page 100	CFC17108
2. High	Facilities Fleet - Replace FC051 - 2008 Ford F250	Equipment Replacement Reserve Fund	0	44,500	0	0	0	Page 22	
2. High	Facilities Fleet - Replace FC056 - 2010 Ford Econo Van with Transit	Equipment Replacement Reserve Fund	0	0	0	44,250	0	Page 25	
2. High	Facilities Fleet - replace RS059, 07 Zamboni, X24115	Equipment Replacement Reserve Fund	0	0	198,000	0	0	Page 101	
2. High	Facilities Fleet - replace RS099, Small equipment, Ice Edger	Equipment Replacement Reserve Fund	0	6,500	0	0	0	Page 103	
3. Medium	Facilities Fleet - replace RS057, 05 Starlite Trailer 53660B	Equipment Replacement Reserve Fund	0	0	0	11,000	0	Page 102	
Facilities Projects Total			297,750	51,000	198,000	55,250	0		
Community Services Projects Total			297,750	51,000	234,750	55,250	0		

Engineering & Operations

Operations									
0. Pre-Approved	Replace OP010 - 2000 Ford F250 PU	Equipment Replacement Reserve Fund	100,000	0	0	0	0	Page 140	COP17101
0. Pre-Approved	Replace OP011 - 2007 Ford Econo 3/4 Ton Van	Equipment Replacement Reserve Fund	60,000	0	0	0	0	Page 141	COP17111
0. Pre-Approved	Replace OP013 - 1997 Holland Tractor	Equipment Replacement Reserve Fund	110,000	0	0	0	0	Page 142	COP17102
0. Pre-Approved	Replace OP013(a) - Flail Mower Attachment	Equipment Replacement Reserve Fund	65,000	0	0	0	0	Page 143	COP17112
0. Pre-Approved	Replace OP014 - 2005 Freight Dump	Equipment Replacement Reserve Fund	180,000	0	0	0	0	Page 144	COP17103
0. Pre-Approved	Replace OP014B - 2005 Underbody Articulating Plow	Equipment Replacement Reserve Fund	30,000	0	0	0	0	Page 146	COP17104
0. Pre-Approved	Replace OP014C - 2005 Swendson Sander	Equipment Replacement Reserve Fund	16,000	0	0	0	0	Page 147	COP17105
0. Pre-Approved	Replace OP016 - 2005 Ford Ranger	Equipment Replacement Reserve Fund	40,000	0	0	0	0	Page 152	COP17106
0. Pre-Approved	Replace OP018A - 2008 Caterpillar Loader	Equipment Replacement Reserve Fund	175,000	0	0	0	0	Page 153	COP17107
0. Pre-Approved	Replace OP028 - 2005 Elgin Sweeper	Equipment Replacement Reserve Fund	315,000	0	0	0	0	Page 160	COP17108
0. Pre-Approved	Replace OP045 - 2009 Mack Garbage Truck	Equipment Replacement Reserve Fund	415,000	0	0	0	0	Page 163	COP17109
0. Pre-Approved	Replace OP053 - 2004 Ford Ranger	Equipment Replacement Reserve Fund	40,000	0	0	0	0	Page 166	COP17110
2. High	Replace OP031 - 2002 Ingersol Roller	Equipment Replacement Reserve Fund	0	0	35,000	0	0	Page 139	
2. High	Replace OP014A - 2005 Everest Plow	Equipment Replacement Reserve Fund	0	0	15,000	0	0	Page 145	
2. High	Replace OP015 - 2010 International Dump Truck	Equipment Replacement Reserve Fund	0	0	0	190,000	0	Page 148	
2. High	Replace OP015B - 2010 Henderson Plow	Equipment Replacement Reserve Fund	0	0	0	16,000	0	Page 149	
2. High	Replace OP015C - 2010 Underbody Articulating Plow	Equipment Replacement Reserve Fund	0	0	0	32,250	0	Page 150	
2. High	Replace OP015D - 2010 Henderson Sander	Equipment Replacement Reserve Fund	0	0	0	17,250	0	Page 151	
2. High	Replace OP022B - 2011 Winter Plow	Equipment Replacement Reserve Fund	0	0	0	9,500	0	Page 154	
2. High	Replace OP022C - 2006 Swendson Sander	Equipment Replacement Reserve Fund	0	13,000	0	0	0	Page 155	
2. High	Replace OP023A - 2011 Ford Dump	Equipment Replacement Reserve Fund	0	0	0	0	99,250	Page 156	
2. High	Replace OP023B - 2011 Swendson Sander	Equipment Replacement Reserve Fund	0	0	0	13,000	0	Page 157	
2. High	Replace OP023C - 2011 Swendson Plow	Equipment Replacement Reserve Fund	0	0	0	9,500	0	Page 158	
2. High	Replace OP024 - 2006 Bobcat Loader	Equipment Replacement Reserve Fund	0	0	0	100,000	0	Page 159	
2. High	Replace OP029A - 2012 Case Loader	Equipment Replacement Reserve Fund	0	0	0	162,500	0	Page 161	
2. High	Replace OP030 - 2008 Ford Escape Hybrid	Equipment Replacement Reserve Fund	0	0	45,500	0	0	Page 162	
2. High	Replace OP047 - 2013 Peterbilt Garbage Truck	Equipment Replacement Reserve Fund	0	0	0	450,000	0	Page 164	
2. High	Replace OP049A - 2010 Ford Ranger	Equipment Replacement Reserve Fund	0	0	0	55,000	0	Page 165	
2. High	Replace OP063A - 2016 John Deere Zero Turn Mower	Equipment Replacement Reserve Fund	0	0	0	0	16,500	Page 167	

Equipment Replacement Reserve Fund_2017 - 2021 Project Detail

Project Name			Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
2. High	Replace OP064 - 2016 John Deere Zero Turn Mower	Equipment Replacement Reserve Fund	0	0	0	0	16,500	Page 168		
2. High	Replace OP099L - 2011 Ingersol Lightsource Trailer	Equipment Replacement Reserve Fund	0	0	0	0	33,000	Page 169		
2. High	Replace OP99K - 2008 Ver-Mac Sign Trailer	Equipment Replacement Reserve Fund	0	25,545	0	0	0	Page 170		
Operations Projects Total			1,546,000	38,545	95,500	1,055,000	165,250			
Solid Waste										
0. Pre-Approved	Cart Replacement	Equipment Replacement Reserve Fund	20,550	20,550	20,550	20,550	20,550	Page 174	CSO17102	
Solid Waste Projects Total			20,550	20,550	20,550	20,550	20,550			
Engineering & Operations Projects Total			1,566,550	59,095	116,050	1,075,550	185,800			

Environment & Parks

Parks										
0. Pre-Approved	Replace PK042 - 2005 Ford Dump	Equipment Replacement Reserve Fund	90,000	0	0	0	0	Page 193	CPK17104	
2. High	Replace PK016 - 1996 Jacob Aerator	Equipment Replacement Reserve Fund	0	0	0	15,000	0	Page 191		
2. High	Replace PK017 - 2008 Agri-Metal Tuff Vac Sweeper	Equipment Replacement Reserve Fund	0	0	26,500	0	0	Page 192		
2. High	Replace PK043C - 2008 Swendson Sander	Equipment Replacement Reserve Fund	0	0	13,000	0	0	Page 194		
2. High	Replace PK044 - 1995 Aer-way Aerator	Equipment Replacement Reserve Fund	0	0	0	0	16,500	Page 195		
2. High	Replace PK045A - 2006 Western Plow	Equipment Replacement Reserve Fund	0	0	0	0	9,000	Page 196		
2. High	Replace PK045B - 2006 Swendson Sander	Equipment Replacement Reserve Fund	0	0	0	0	13,000	Page 197		
2. High	Replace PK049 - 2004 John Deere Tractor	Equipment Replacement Reserve Fund	0	0	74,000	0	0	Page 200		
2. High	Replace PK060 - 2008 Dodge Ram PU	Equipment Replacement Reserve Fund	0	0	0	45,000	0	Page 202		
2. High	Replace PK063 - 2005 Vermeer Chipper	Equipment Replacement Reserve Fund	0	0	0	0	49,000	Page 203		
2. High	Replace PK066 - 2016 John Deere Zero Turn Mower	Equipment Replacement Reserve Fund	0	0	0	0	16,500	Page 204		
3. Medium	Replace PK047 - 2008 Dodge Dakota abc	Equipment Replacement Reserve Fund	0	41,500	0	0	0	Page 198		
3. Medium	Replace PK048A - 2010 Ford Ranger	Equipment Replacement Reserve Fund	0	0	0	55,000	0	Page 199		
3. Medium	Replace PK050A - 2012 Kubota Tractor	Equipment Replacement Reserve Fund	0	0	0	27,000	0	Page 201		
Parks Projects Total			90,000	41,500	113,500	142,000	104,000			
Environment & Parks Projects Total			90,000	41,500	113,500	142,000	104,000			

Fire Rescue

Fire Rescue										
0. Pre-Approved	Replace FR002 2007 GMC Yukon-Car #1 (Fire Chief's vehicle)	Equipment Replacement Reserve Fund	60,000	0	0	0	0	Page 231	CFD17101	
2. High	Replace FR003 2010 Ford Expedition-Car #2 (Deputy Fire Chief's vehicle)	Equipment Replacement Reserve Fund	0	0	0	60,750	0	Page 232		
2. High	Replace FR011 2011 Chevrolet Colorado Pick-up-Car #4 (Fire Prevention Officer Vehicle)	Equipment Replacement Reserve Fund	0	0	0	0	40,000	Page 234		
2. High	Replace FR016 2005 Polaris ATV	Equipment Replacement Reserve Fund	0	0	0	26,750	0	Page 235		
2. High	Replace FR017 2008 GMC Sierra Pickup-Car #3 (Deputy Fire Chief's vehicle)	Equipment Replacement Reserve Fund	0	0	65,000	0	0	Page 233		
Fire Rescue Projects Total			60,000	0	65,000	87,500	40,000			
Fire Rescue Projects Total			60,000	0	65,000	87,500	40,000			

Police

Police										
2. High	PO104 Boat Trailer	Equipment Replacement Reserve Fund	0	0	0	0	11,000	Page 266		
2. High	Replace PO086 2016 Dodge Durango	Equipment Replacement Reserve Fund	0	0	0	0	50,000	Page 265		
2. High	Replace PO087-2014 Ford Explorer and Equipment	Equipment Replacement Reserve Fund	0	0	55,000	0	0	Page 255		
2. High	Replace PO088 Toyota Tacoma	Equipment Replacement Reserve Fund	0	0	60,000	0	0	Page 252		
2. High	Replace PO089 2014 Dodge Charger	Equipment Replacement Reserve Fund	0	0	53,000	0	0	Page 263		
2. High	Replace PO090 - Dodge Charger	Equipment Replacement Reserve Fund	0	0	0	53,000	0	Page 254		
2. High	Replace PO091-2013 Ford Explorer and Equipment	Equipment Replacement Reserve Fund	0	0	55,000	0	0	Page 260		
2. High	Replace PO092-2013 Dodge Charger and Equipment	Equipment Replacement Reserve Fund	0	0	53,000	0	0	Page 261		
2. High	Replace PO093-Dodge Charger and Equipment	Equipment Replacement Reserve Fund	0	0	53,000	0	0	Page 262		

Equipment Replacement Reserve Fund_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
2. High	Replace PO095 Chevy Tahoe	Equipment Replacement Reserve Fund	0	0	66,000	0	0	Page 264	
2. High	Replace PO097 Dodge Caravan	Equipment Replacement Reserve Fund	0	0	38,000	0	0	Page 251	
2. High	Replace PO100 - Dodge Charger	Equipment Replacement Reserve Fund	0	0	0	53,000	0	Page 259	
2. High	Replace PO101 - Dodge Ram Pickup	Equipment Replacement Reserve Fund	0	0	0	45,000	0	Page 256	
2. High	Replace PO102 Motorcycle	Equipment Replacement Reserve Fund	0	0	0	30,000	0	Page 253	
2. High	Replace PO103 - Dodge Charger	Equipment Replacement Reserve Fund	0	0	0	53,000	0	Page 258	
2. High	Replace PO105 - Dodge Ram	Equipment Replacement Reserve Fund	0	0	0	50,000	0	Page 257	
Police Projects Total			0	0	433,000	284,000	61,000		
Police Projects Total			0	0	433,000	284,000	61,000		
Total Projects			2,014,300	151,595	962,300	1,644,300	390,800		

City of Port Moody
MRN General Rehab Reserve
Account # 3412
For the Years 2017 - 2021

Description	2,017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	241,007	253,028	187,150	223,728	259,877
Proposed Funding					
Proposed Funding	192,021	189,122	191,578	191,149	190,927
Project Funding					
Proposed projects	-180,000	-255,000	-155,000	-155,000	-55,000
Estimated closing balance	253,028	187,150	223,728	259,877	395,804

MRN General Rehab Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Engineering & Operations									
Engineering									
0. Pre-Approved	Traffic Signal Infrastructure - Maintenance and Replacement [Multiple Funding Src]	MRN General Rehab Reserve	125,000	200,000	100,000	100,000	0	Page 134	CEN17105
1. Council	Street Name Sign Replacement Program [Multiple Funding Src]	MRN General Rehab Reserve	30,000	30,000	30,000	30,000	30,000	Page 131	CEN17101
2. High	Streetlighting Replacement Program [Multiple Funding Src]	MRN General Rehab Reserve	25,000	25,000	25,000	25,000	25,000	Page 132	CEN17110
Engineering Projects Total			180,000	255,000	155,000	155,000	55,000		
Engineering & Operations Projects Total			180,000	255,000	155,000	155,000	55,000		
Total Projects			180,000	255,000	155,000	155,000	55,000		

City of Port Moody
MRN Pavement Rehab Reserve
Account # 3505
For the Years 2017 - 2021

Description	2,017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	1,903,074	1,636,074	1,519,074	1,502,074	1,435,074
Proposed Funding					
Proposed Funding	583,000	583,000	583,000	583,000	583,000
Project Funding					
Proposed projects	-850,000	-700,000	-600,000	-650,000	-750,000
Estimated closing balance	1,636,074	1,519,074	1,502,074	1,435,074	1,268,074

MRN Pavement Rehab Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Engineering & Operations									
Engineering									
0. Pre-Approved	Clarke Road Rehabilitation - Charles St to Barnet Hwy	MRN Pavement Rehab Reserve	250,000	0	0	0	0	Page 123	CEN17106
0. Pre-Approved	St. Johns Street Rehabilitation (loco to Dewdney)	MRN Pavement Rehab Reserve	200,000	0	0	0	0	Page 130	CEN17107
2. High	MRN Road Rehabilitation Program	MRN Pavement Rehab Reserve	400,000	700,000	600,000	650,000	0	Page 127	CEN17108
Engineering Projects Total			850,000	700,000	600,000	650,000	0		
Engineering & Operations Projects Total			850,000	700,000	600,000	650,000	0		
Sewer & Drainage									
Sewer & Drainage									
2. High	loco Rd Improvements (Construction) [Multiple Funding Src]	MRN Pavement Rehab Reserve	0	0	0	0	750,000	Page 277	
Sewer & Drainage Projects Total			0	0	0	0	750,000		
Sewer & Drainage Projects Total			0	0	0	0	750,000		
Total Projects			850,000	700,000	600,000	650,000	750,000		

City of Port Moody
Sanitation Utility Reserve
Account # 3416
For the Years 2017 - 2021

Description	2017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	263,085	216,666	250,147	283,627	317,108
Proposed Funding					
Proposed contribution to Sanitation Reserve (Acct 9416-336)	40,000	40,000	40,000	40,000	40,000
Other					
Transfer to Artworks Reserve 0.3% of all projects	-258	-20	-20	-20	-20
Project Funding					
Project Funding	-86,160	-6,500	-6,500	-6,500	-6,500
Estimated closing balance	216,666	250,147	283,627	317,108	350,588

Sanitation Utility Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Engineering & Operations									
Operations									
0. Pre-Approved	Centralized Recycling Day	Sanitation Utility Reserve	4,000	4,000	4,000	4,000	4,000	Page 172	OOP17001
2. High	Public Works Day [Multiple Funding Src]	Sanitation Utility Reserve	2,500	2,500	2,500	2,500	2,500	Page 138	OOP17002
Operations Projects Total			6,500	6,500	6,500	6,500	6,500		
Solid Waste									
2. High	New Services Cart	Sanitation Utility Reserve	64,660	0	0	0	0	Page 175	CSO17101
2. High	Solid Waste Coordinator resource materials & outreach tools	Sanitation Utility Reserve	15,000	0	0	0	0	Page 173	OSO17001
Solid Waste Projects Total			79,660	0	0	0	0		
Engineering & Operations Projects Total			86,160	6,500	6,500	6,500	6,500		
Total Projects			86,160	6,500	6,500	6,500	6,500		

City of Port Moody
Sewer & Drainage Capital Reserve
Account # 3500,3901
For the Years 2017 - 2021

Description	2,017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	9,516,780	9,747,840	8,710,632	9,573,048	11,093,840
Proposed Funding					
Proposed contribution to Sewer Reserve (Acct 9500-804)	1,810,296	1,846,502	1,883,432	1,921,101	1,959,523
Proposed contribution to Drainage Reserve (Acct 9500-830)	650,000	700,000	750,000	800,000	850,000
Other					
Transfer to Artworks Reserve 0.3% of all projects	-6,553	-10,604	-5,183	-3,476	-9,713
GIS IS Position	-13,333	-13,333	-13,333	-13,333	-13,333
Budget Analyst Position	-25,000	-25,000	-25,000	-25,000	-25,000
Project Funding					
Project Funding	-2,184,350	-3,534,772	-1,727,500	-1,158,500	-3,237,500
Estimated closing balance	9,747,840	8,710,632	9,573,048	11,093,840	10,617,817

Sewer Capital Reserve, Drainage Capital Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Engineering & Operations									
Operations									
2. High	Public Works Day [Multiple Funding Src]	Sewer Capital Reserve	2,500	2,500	2,500	2,500	2,500	Page 138	OOP17002
Operations Projects Total			2,500	2,500	2,500	2,500	2,500		
Engineering & Operations Projects Total			2,500	2,500	2,500	2,500	2,500		

Sewer & Drainage

Sewer & Drainage									
2. High	Asset Management - CCTV Inspection and GPS Locates	Sewer Capital Reserve	60,000	60,000	60,000	60,000	60,000	Page 298	OSD17001
2. High	Asset Management - Sewer & Drainage	Sewer Capital Reserve	100,000	100,000	100,000	100,000	100,000	Page 293	CSD17102
2. High	Avalon Road (Sanitary Sewer Repairs)	Sewer Capital Reserve	430,000	0	0	0	0	Page 294	CSD17103
2. High	Civil Works Construction - Minor Projects	Sewer Capital Reserve	150,000	150,000	150,000	150,000	150,000	Page 292	CSD17104
2. High	Drainage Assessment - Adaptive Management Framework	Sewer Capital Reserve	50,000	50,000	50,000	50,000	50,000	Page 296	OSD17002
2. High	Drainage Improvements - North Shore Culverts (CPR & Foreshore) - Replace & Rehab	Sewer Capital Reserve	45,000	150,000	570,000	290,000	0	Page 286	CSD17105
2. High	Drainage Improvements - North Shore Storm System - Trenchless Repair	Sewer Capital Reserve	0	0	0	0	35,000	Page 287	
2. High	Environmental Investigation & Response - Drainage Systems	Sewer Capital Reserve	25,000	25,000	25,000	25,000	25,000	Page 295	OSD17003
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Sewer Capital Reserve	15,000	850,612	0	0	0	Page 280	CSD17106
2. High	Inspection Camera for Sewer Main Lines	Sewer Capital Reserve	78,000	0	0	0	0	Page 283	CSD17107
2. High	loco Low-Pressure Sanitary Siphon (Twinning, Renewal & Emergency Bypass)	Sewer Capital Reserve	0	400,000	0	86,000	1,300,000	Page 289	
2. High	loco Rd Improvements (Construction) [Multiple Funding Src]	Sewer Capital Reserve	0	0	0	0	900,000	Page 277	
2. High	Sanitary - Sewer Repair Program - Glenayre/Seaview/College Park - K2, H, B - Trenchless	Sewer Capital Reserve	50,000	75,000	135,000	130,000	350,000	Page 291	CSD17108
2. High	Sanitary Sewer Flow Monitoring (various areas)	Sewer Capital Reserve	55,000	55,000	55,000	55,000	55,000	Page 299	OSD17004
2. High	Sanitary Sewer Study - North Shore Phase 2 I&I	Sewer Capital Reserve	0	0	150,000	150,000	150,000	Page 279	
2. High	Sewer - Non Linear Isolation Procedures	Sewer Capital Reserve	8,250	0	0	0	0	Page 285	OSD17005
2. High	Shoreline Trail Sanitary Sewer (Gravity Sewer Repair & Renewal)	Sewer Capital Reserve	75,000	1,500,000	0	0	0	Page 288	CSD17109
2. High	Storm Intake Replacement - Suterbrook Creek at Fraser Street	Sewer Capital Reserve	25,000	0	0	0	0	Page 290	CSD17110
3. Medium	Alderside Lift Station Standby Genset	Sewer Capital Reserve	19,500	0	0	0	0	Page 281	CSD17111
3. Medium	Flow Monitoring Program in Port Moody Trunk Sewers [Multiple Funding Src]	Sewer Capital Reserve	0	6,660	0	0	0	Page 301	
3. Medium	loco Lift Station Improvements-Sump Pump	Sewer Capital Reserve	20,000	0	0	0	0	Page 282	CSD17112
3. Medium	Rights-of-Way Assessment	Sewer Capital Reserve	90,000	60,000	60,000	60,000	60,000	Page 297	OSD17006
4. Low	Flow Monitoring Program in MV trunk sewers [Multiple Funding Src]	Sewer Capital Reserve	11,100	0	0	0	0	Page 300	OSD17007
4. Low	Rainfall Monitoring	Sewer Capital Reserve	38,000	0	0	0	0	Page 284	CSD17113
4. Low	Sanitary and Drainage Renewal - City Hall	Sewer Capital Reserve	0	50,000	250,000	0	0	Page 278	
Sewer & Drainage Projects Total			1,344,850	3,532,272	1,605,000	1,156,000	3,235,000		
Sewer & Drainage Projects Total			1,344,850	3,532,272	1,605,000	1,156,000	3,235,000		

Water

Water									
2. High	Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src]	Sewer Capital Reserve	825,000	0	0	0	0	Page 327	CWT17101
2. High	Kings Court (Watermain Replacement - Oxford to cul-de-sac / Project No 18) [Multiple Funding Src]	Sewer Capital Reserve	0	0	120,000	0	0	Page 325	
2. High	Maintenance Connection Rebuild Implementation [Multiple Funding Src]	Sewer Capital Reserve	12,000	0	0	0	0	Page 330	OWT17001
Water Projects Total			837,000	0	120,000	0	0		
Water Projects Total			837,000	0	120,000	0	0		

Total Projects			2,184,350	3,534,772	1,727,500	1,158,500	3,237,500		
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City of Port Moody
Water Capital Reserve
Account # 3500,3901
For the Years 2017 - 2021

Description	2017	2018	2019	2020	2021
Estimated Opening Balance					
Estimated Opening Balance	2,062,268	1,858,573	1,717,765	2,266,510	2,633,188
Proposed Funding					
Proposed contribution to Water Reserve (Acct 9500-865)	1,469,045	1,498,426	1,528,394	1,558,962	1,590,141
Other					
Transfer to Artworks Reserve 0.3% of all projects	-4,889	-4,788	-2,816	-3,452	-6,791
GIS IS Position	-13,333	-13,333	-13,333	-13,333	-13,333
Budget Analyst Position	-25,000	-25,000	-25,000	-25,000	-25,000
Project Funding					
Project Funding	-1,629,518	-1,596,112	-938,500	-1,150,500	-2,263,500
Estimated closing balance	1,858,573	1,717,765	2,266,510	2,633,188	1,914,705

Water Capital Reserve_2017 - 2021 Project Detail

Project Name		Funding Source	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	Projects Detail	Project Number
Engineering & Operations									
Operations									
2. High	Public Works Day [Multiple Funding Src]	Water Capital Reserve	2,500	2,500	2,500	2,500	2,500	Page 138	OOP17002
Operations Projects Total			2,500	2,500	2,500	2,500	2,500		
Engineering & Operations Projects Total			2,500	2,500	2,500	2,500	2,500		

Sewer & Drainage

Sewer & Drainage									
2. High	Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src]	Water Capital Reserve	15,000	850,612	0	0	0	Page 280	CSD17106
2. High	loco Rd Improvements (Construction) [Multiple Funding Src]	Water Capital Reserve	0	0	0	0	1,100,000	Page 277	
Sewer & Drainage Projects Total			15,000	850,612	0	0	1,100,000		
Sewer & Drainage Projects Total			15,000	850,612	0	0	1,100,000		

Water

Water									
2. High	Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src]	Water Capital Reserve	825,000	0	0	0	0	Page 327	CWT17101
2. High	Asset Management - Water System	Water Capital Reserve	100,000	100,000	100,000	100,000	100,000	Page 306	CWT17102
2. High	Buckingham Drive (Watermain Replacement - Windsor to Guildford /Project No 12)	Water Capital Reserve	0	0	0	0	45,000	Page 304	
2. High	Cecile and Tuxedo Drive (watermain looping)	Water Capital Reserve	0	0	0	0	15,000	Page 317	
2. High	Civil Works Construction - Minor Watermain Projects	Water Capital Reserve	150,000	150,000	150,000	150,000	150,000	Page 321	CWT17103
2. High	Dewdney Trunk PRV - Station Upgrade (Design)	Water Capital Reserve	0	40,000	0	0	0	Page 328	
2. High	Glensayre/College Park PRV Station	Water Capital Reserve	0	0	0	0	15,000	Page 320	
2. High	Glencoe Drive (Dundonald to Metro Supply Main - Watermain Replacement/Project No 16)	Water Capital Reserve	0	0	60,000	695,000	670,000	Page 305	
2. High	Guildford Way PRV Station Upgrade (Design)	Water Capital Reserve	0	40,000	0	0	0	Page 309	
2. High	Kings Court (Watermain Replacement - Oxford to cul-de-sac / Project No 18) [Multiple Funding Src]	Water Capital Reserve	0	0	250,000	0	0	Page 325	
2. High	Maintenance Connection Rebuild Implementation [Multiple Funding Src]	Water Capital Reserve	12,000	0	0	0	0	Page 330	OWT17001
2. High	SCADA - RTU Implementation Program	Water Capital Reserve	200,000	200,000	0	0	0	Page 326	CWT17104
2. High	Water Conservation Coordinator resource materials & outreach tools	Water Capital Reserve	10,000	0	0	0	0	Page 329	OWT17002
2. High	Watermain Condition Assessment - Highridge PS to Chestnut PS	Water Capital Reserve	50,000	0	0	0	0	Page 303	OWT17003
3. Medium	Area Metering	Water Capital Reserve	0	0	0	100,000	0	Page 302	
3. Medium	Chestnut Reservoir Isolation Valve Installation Design	Water Capital Reserve	22,000	0	0	0	0	Page 308	OWT17004
3. Medium	Cross Connection Control Program Maintenance	Water Capital Reserve	31,000	28,000	28,000	28,000	28,000	Page 322	OWT17005
3. Medium	Fire Hydrant Improvements - Stortz Adaptor Program	Water Capital Reserve	25,000	25,000	25,000	25,000	25,000	Page 307	CWT17105
3. Medium	ICI Water Meters	Water Capital Reserve	50,000	50,000	50,000	50,000	50,000	Page 323	CWT17106
3. Medium	Reservoir Cleaning - Chestnut Reservoir	Water Capital Reserve	36,000	0	0	0	0	Page 314	OWT17006
3. Medium	SCADA Security Access	Water Capital Reserve	12,100	0	0	0	0	Page 316	OWT17007
3. Medium	Security Upgrades	Water Capital Reserve	20,000	20,000	20,000	0	0	Page 324	CWT17107
3. Medium	Water Non-Linear Isolation Procedures	Water Capital Reserve	47,000	0	0	0	0	Page 318	OWT17008
4. Low	109m HGL Pressure Zone Split Feasibility Study [Multiple Funding Src]	Water Capital Reserve	10,918	0	0	0	0	Page 319	OWT17009
4. Low	Air Valve Replacements (Linear and Non-Linear)	Water Capital Reserve	0	0	48,000	0	0	Page 312	
4. Low	College Park Way (Cecile Dr to Oxford Dr) [Multiple Funding Src]	Water Capital Reserve	0	15,000	205,000	0	0	Page 310	
4. Low	North Road PRV Flow Meter	Water Capital Reserve	0	0	0	0	63,000	Page 311	
4. Low	SCADA Radio Site Analyzer	Water Capital Reserve	11,000	0	0	0	0	Page 315	OWT17010
4. Low	Water Pump Vibration Analysis & Monitoring	Water Capital Reserve	0	75,000	0	0	0	Page 313	
Water Projects Total			1,612,018	743,000	936,000	1,148,000	1,161,000		
Water Projects Total			1,612,018	743,000	936,000	1,148,000	1,161,000		

Total Projects			1,629,518	1,596,112	938,500	1,150,500	2,263,500		
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