



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 | 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 Replacment | 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

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

Planning

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

Planning Projects Total

17,000 - - - - 1

Development Services Projects Total

23,500 156,750 - - - 3

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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 Attachement | 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 | 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 | 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

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 | OFI17002 |
| | 1. Council | 1440 Ioco Road Demolition | Land Reserve | 68,000 | - | - | - | - | Page 220 | OFI17001 |
| 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 |
| 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 |
| 3. Medium | Fire Hydrant Improvements - Stortz Adaptor Program | Water Capital Reserve | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | Page 307 |
| 3. Medium | Chestnut Reservoir Isolation Valve Installation Design | Water Capital Reserve | 22,000 | - | - | - | - | Page 308 |
| 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 |
| 4. Low | SCADA Radio Site Analyzer | Water Capital Reserve | 11,000 | - | - | - | - | Page 315 |
| 3. Medium | SCADA Security Access | Water Capital Reserve | 12,100 | - | - | - | - | Page 316 |
| 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 |
| 4. Low | 109m HGL Pressure Zone Split Feasibility Study [Multiple Funding Src] | TBD | 19,082 | - | - | - | - | Page 319 |
| 4. Low | 109m HGL Pressure Zone Split Feasibility Study [Multiple Funding Src] | Water Capital Reserve | 10,918 | - | - | - | - | Page 319 |
| 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 |
| 3. Medium | Cross Connection Control Program Maintenance | Water Capital Reserve | 31,000 | 28,000 | 28,000 | 28,000 | 28,000 | Page 322 |
| 3. Medium | ICI Water Meters | Water Capital Reserve | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | Page 323 |
| 3. Medium | Security Upgrades | Water Capital Reserve | 20,000 | 20,000 | 20,000 | - | - | Page 324 |
| 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 |
| 2. High | Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src] | Asset Reserve - Transportation | 75,000 | - | - | - | - | Page 327 |
| 2. High | Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src] | Water Capital Reserve | 825,000 | - | - | - | - | Page 327 |
| 2. High | Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src] | Sewer Capital Reserve | 825,000 | - | - | - | - | Page 327 |
| 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 |
| 2. High | Maintenance Connection Rebuild Implementation [Multiple Funding Src] | Water Capital Reserve | 12,000 | - | - | - | - | Page 330 |
| 2. High | Maintenance Connection Rebuild Implementation [Multiple Funding Src] | Sewer Capital Reserve | 12,000 | - | - | - | - | Page 330 |
| 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 |
|-----------------------|-------------------|------------------|------------------|------------------|-------------------|------------|

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 |

| 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 |

| 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 |

| 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 | 52,150 | - | - | - | - | - | - | - | - | - | 57,339 |
| Accumulated Surplus | - | - | - | 6,300 | - | - | - | - | - | - | - | 143,115 | - | - | - | 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 | - | - | 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 | - | - | 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 | 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 | 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 | Cultural Services | | | | Costc | 224 |
| 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 |
| 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 | Cultural Services | | | | Costc | 224 |
| 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 |
| 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 | Cultural Services | | | | 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 | Cultural Services | | | | Costc | 224 |
| 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 | 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 | | 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 | | | 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 | Cultural Services | | | | 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 | | | | 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 | Cultural Services | | | 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 | | | | 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 | Cultural Services | | | | 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 an 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 | 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 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 | Cultural Services | 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 | Cultural Services | 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 | Cultural Services | 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 | Cultural Services | Costc | 953 | | | |
| Strategic Plan Category | | | | | | |
| 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 | Cultural Services | Costc | 953 | | | |
| Strategic Plan Category | | | | | | |
| 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 |
| 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 | 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) | | | | | Asset Replacement 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 | 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) | | | | | Asset Replacement 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 | Facilities | | | | Costc | 973 |
| 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 |
| 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 | Facilities | | | | | Costc | 284 | | | | | |
| Strategic Plan Category | | | | | | | | | | | | |
| 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 | Facilities | | | 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 | Facilities | | | | | Costc | 284 | | | | | |
| 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 | | \$ 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 | 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 | \$ 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.

2

Project Justification - Why is the project necessary; 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 | Facilities | | | | 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 | | \$ | 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 | Facilities | | | | Costc | 284 | |
| Strategic Plan Category | | | | | | | |
| 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 | 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 | | \$ 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 | 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 | | | - | 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 | 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 | | \$ | 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 | | | | | | |
| | | | | | | - | | | | | | |
| | | | | | | - | | | | | | |
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| | | | | | | - | | | | | | |
| | | | | | | - | | | | | | |
| | | | | | | - | | | | | | |
| 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 | Facilities | | | | Costc | 973 |
| Strategic Plan Category | | | | | | |
| Project Priority | 2. High | | | | | |
| Pre-Approval | | Events (i.e Grand Opening) | | | | |
| Contingency Included BelowAsset 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 | Facilities | | | | | 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 | 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 | \$ 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 | Facilities | | | | 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 | 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 | | | | | 79,000 | 79,000 |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| Total Costs | \$ | - | \$ | - | \$ | 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 | 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 | | \$ 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 | \$ | - |
| | | | | | | 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 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?

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 BelowAsset 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 | Facilities | | | | 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 |
| | | | | | | |

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? | | | | | | |
| Heath 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) | | | | | | | | | | |
| <p>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.</p> <p>Closed FC March 7/2017</p> | | | | | | | | | | |
| Project Justification - Why is the project necessary; 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 | Facilities | | | | 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 | | \$ 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 | Facilities | | | | 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 | | \$ 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 | Facilities | | | | 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 | \$ | 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 | Facilities | | | Costc | 973 | |
| 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 | | | 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 | Facilities | Costc | 973 | | | |
| 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 | \$ | 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 | 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 | \$ 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 | Facilities | | | | 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 | Facilities | | | | Costc | 284 |
| Strategic Plan Category | | | | | | |
| Project Priority | 3. Medium | | | | | |
| Pre-Approval | | Events (i.e Grand Opening) | | | | |
| Contingency Included BelowAsset 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 | 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 | | | | | Communications Fee Included Below | |
| NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget) | | | | | Asset Replacement 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 | Facilities | | | | 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 | Facilities | | | | 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 |
| | | | | | | |

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 | Facilities | | | | 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 | Facilities | | | | 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 BelowAsset 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 has not been maintained well for many years and requires a number of repairs. The roof in particular is overdue for replacement.

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 | Facilities | | | | 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 | Facilities | 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 | Facilities | | | | 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 |
| | | | | | | |

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 | Facilities | | | | 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 | Facilities | | | 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 | 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 | | \$ | 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 | Facilities | | | | 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 | Facilities | | | | Costc | 973 |
| 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 | \$ 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 | 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 | \$ 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 it's 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) | | | | | | |
| <p>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.</p> | | | | | | |
| Project Justification - Why is the project necessary; 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 | Facilities | | | | 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 | Facilities | | | | 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 | Facilities | | | | 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 | \$ 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 urling 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 unsecure. 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 | Facilities | | | | 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 | 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 | | | 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 | 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 | \$ 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 | Facilities | | | | Costc | 284 |
| 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 | | | | Communications Fee Included Below | | |
| NET Operating Budget Impact - Description & Amount - Revenues vs Expenses (Incremental to Base Budget) | | | | Asset Replacement 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 | Facilities | | | | 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 | 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 | | | | | 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, replacement | | | | Asset Replacement 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 | 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) | | | | | Asset Replacement 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 | Facilities | | | | 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 | Facilities | | | | 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 | Facilities | | | 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 BelowAsset 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 | 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 | \$ | 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 | 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 | 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 | Recreation | Costc | 954 | | | |
| 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 | 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 | Recreation | Costc | 954 | | | |
| 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) | \$ 8,000 | 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 |
| 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 | Recreation | | | | 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) | | | | | | |
| <p>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.</p> | | | | | | |
| Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan? | | | | | | |
| <p>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.</p> | | | | | | |
| Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances | | | | | | |
| <p>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.</p> | | | | | | |
| Pre-Approval Justification | | | | | | |
| <p>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.</p> | | | | | | |

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 | 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? | | | | | | |
| 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?

Fische will be unusable. Fische 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) | | | | | | | |
| <p>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.</p> <p>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.</p> | | | | | | | |
| Project Justification - Why is the project necessary; 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) | | | | | | |
| <p>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.</p> | | | | | | |
| Project Justification - Why is the project necessary; 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 BelowAsset 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 anti-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 anti-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) | | | | | | |
| <p>This is provisionary funding for safety recommendation arising from Fire, Police, EHS, staff and the public. Some of the work scheduled for 2015 includes:</p> <ul style="list-style-type: none"> - 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) | | | | | | |
| <p>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.</p> | | | | | | |
| Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan? | | | | | | |
| <p>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.</p> | | | | | | |
| 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 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 at hybrids and fuel efficient 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 supprlus 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 recommendaing 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 BelowAsset 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 | 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) | | | | \$ 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 Feasability 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 | loco 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 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? | | | | | | |
| This program was started as a trial on other median areas, and has performed very well. Continuation of this treatment is recommended for the loco 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 | 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 | | 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, mosaic culture 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) | | | | | | |
| <p>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.</p> <p>Council resolution RC 15/261 put forth at Regular Council Meeting July 14, 2015</p> | | | | | | |
| Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan? | | | | | | |
| <p>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.</p> | | | | | | |
| 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 | 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 |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| 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 | 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)

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 BelowAsset 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 BelowAsset 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 | Total |
| Asset Reserve - Parks | | 30,000 | 215,000 | 320,000 | | 565,000 |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| 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 | 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 |
| 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 s (@ 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 their 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) | | | | | | | |
| <p>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.</p> <p>The City intends to participate in a partnership with all Metro Vancouver municipalities to obtain regularly updated orthophotos at a lower rate.</p> | | | | | | | |
| Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan? | | | | | | | |
| <p>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.</p> | | | | | | | |
| Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances | | | | | | | |
| <p>The City has ben able to reduce environmental impacts by using orthophoto interpretation instead of making on-site field visits.</p> | | | | | | | |
| Pre-Approval Justification | | | | | | | |
| <p>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.</p> | | | | | | | |

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 BelowAsset 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) | | | | | | |
| <p>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.</p> <p>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.</p> | | | | | | |
| Project Justification - Why is the project necessary; What are the estimated benefits; What alternatives were considered; What are the consequences of not proceeding; How does it align with the Strategic Plan? | | | | | | |
| <p>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.</p> | | | | | | |
| Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances | | | | | | |
| No adverse sustainability impacts are expected. | | | | | | |
| Pre-Approval Justification | | | | | | |
| <p>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.</p> | | | | | | |

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 | | | |
| 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) | | | |
| | | | | 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 | | | |
| Information System resource required? | Yes | | | | | | |
| | | | | | | | |
| 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 BelowAsset 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 BelowAsset 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 BelowAsset 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 BelowAsset 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 BelowAsset 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 | Fire Rescue | | | | Costc | 574 |
| 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 BelowAsset ID | | Yes | | Information System fee Included BelowNo | | | | |
| Project Management Fee Included Below | | No | | Communications Fee Included BelowNo | | | | |
| 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 (CL16101). Information system resource requirements/costs are incorporated into CL16101.

Project Justification - Why is the project necessary; 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 | | | | |
| Project Management Fee Included Below | No | | | | | Information System 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 | 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 | | | 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?

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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?

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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?

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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?

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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 BelowAsset 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?

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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?

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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?

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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?

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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 | Police | | | | 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 | 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 | 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 | 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 | 16,500 | | | | | 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 trench/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 | 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 | 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 | loco 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 | 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 | 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 assess 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 | 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 | 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 | 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 | | | | | 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) | | | | | | |
| <p>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.</p> <p>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).</p> | | | | | | |
| Project Justification - Why is the project necessary; 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 easements, 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) | | | | | | |
| <p>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)</p> <p>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.</p> <p>Update GIS as required. Utilize on-call CCTV RFP.</p> | | | | | | |
| Project Justification - Why is the project necessary; 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 | \$ | 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 | 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 | 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 | 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 | | 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 | 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 | 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 | 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 | 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 | 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 |
| 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 | 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 | 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 BelowAsset 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 | |

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 #26

| | | | | | | |
|---|--|-------------------------------------|------|------|-------|--|
| Project Name | Angela and Cecile Utility and Roadworks Improvements | | | | | |
| Project Type | Capital | | | | Fund | 23 |
| Department Water - Division | Water | | | | Costc | 968 |
| Strategic Plan Category | Community Planning | | | | | |
| 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 - Transportation | 75,000 | | | | | 75,000 |
| Sewer Capital Reserve | 825,000 | | | | | 825,000 |
| Water Capital Reserve | 825,000 | | | | | 825,000 |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| Total Costs | \$ 1,725,000 | \$ - | \$ - | \$ - | \$ - | \$ 1,725,000 |
| Project Description (Details & Comments) | | | | | | |
| This multi-utility project will allow for the integrated reconstruction of water, sewer, and road infrastructure in the Angela/Cecile Drive 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? | | | | | | |
| Existing municipal utilities have been assessed, and significant deficiencies have been identified that require immediate works. Addresses life cycle replacement needs of the city's infrastructure systems. | | | | | | |
| Sustainability - Impact on Environment, City's Carbon Footprint, Society and/or Finances | | | | | | |
| Asset Management and preservation, I & I reduction (reduces unnecessary sewage pumping and fees), water loss reduction (reduces water waste and payment to metro), operational improvements to improve efficiency, rain gardens to improve runoff quality | | | | | | |
| Pre-Approval Justification | | | | | | |
| This project will include construction on the Local Road Network, which will require pre-approval to allow work on sewer, water, and roads to commence in early 2017. Early design completion may put City in a better position to secure grant funding. | | | | | | |

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 | 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 | | 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 BelowAsset 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 |
| 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.

PROJECT #29

| | | | | | | |
|--|---|--|------|------|-------|-----------|
| Project Name | Maintenance Connection Rebuild Implementation | | | | | |
| 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 | | Communications Fee Included Below | | | | |
| NET Operating 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 | 12,000 | | | | | 12,000 |
| Sewer Capital Reserve | 12,000 | | | | | 12,000 |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| Total Costs | \$ 24,000 | \$ - | \$ - | \$ - | \$ - | \$ 24,000 |

Project Description (Details & Comments)

To complete Maintenance Connection rebuild to ensure full functionality. This will ensure that Maintenance Connection is able to capture the data required for benchmarking and metrics which can be aligned with our open data format.

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

Aligns with Service Excellence. Currently the information captured contains significant gaps thus it is incomplete and ineffective. Template for rebuild implementation has been completed. Funding is to cover Staff time to complete the rebuild so that the program is working and operating to meet the needs of the organization. Once the rebuild is complete Supervisors will gain efficiencies as their paper work will be reduced, capturing data will be simplified, accessing benchmarks and metrics will be faster and simpler, the ability to share open data significantly improved. This will provide more time for the Supervisors to be in the field.

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

Reduce paper and duplication of information gathering. Increase staff efficiency and productivity.



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 | - | - | - | - | Page 226 |
| | 0. Pre-Approved | Contributed Assets Handover from EGRT | Engineering | - | 65,000 | - | - | - | - | Page 124 |
| | 0. Pre-Approved | Microfiche Scanning | Building, Bylaw & Licensing | - | 6,500 | - | - | - | - | Page 118 |
| | 0. Pre-Approved | Public Safety Building - Evidence Room Air Handling Improvements | Facilities | - | 350,000 | - | - | - | - | Page 104 |
| | 0. Pre-Approved | Upgrade Orthophotos | Information Services | - | 12,000 | 12,000 | 12,000 | 12,000 | - | Page 221 |
| | 1. Council | MTP Planning and Design | Engineering | - | 150,000 | - | - | - | - | Page 136 |
| | 2. High | Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src] | Sewer & Drainage | - | - | 529,296 | - | - | - | Page 280 |
| | 2. High | Inlet Theatre Stage Refinishing and Drapery Cleaning | Cultural Services | - | - | - | 20,000 | - | - | Page 15 |
| | 2. High | Museum Back Deck Replacement | Cultural Services | - | 20,000 | - | - | - | - | Page 14 |
| | 2. High | Museum Railway Plinths /RR crossing rebuild | Cultural Services | - | 35,000 | - | - | - | - | Page 13 |
| 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 | |
| Position funding - GIS and Budget Analyst | | | | | (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 | |

| 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 | 75,000 | Page 120 |
| | 0. Pre-Approved | Bridge Upgrades - Barnet Hwy Overpass [Multiple Funding Src] | Engineering | | - | 277,000 | - | - | - | - | Page 122 |
| | 0. Pre-Approved | LRN Road Reconstruction | Engineering | | - | 350,000 | - | 350,000 | 350,000 | 350,000 | Page 126 |
| | 0. Pre-Approved | Traffic Safety Initiatives | Engineering | | - | 50,000 | 50,000 | 50,000 | 50,000 | - | Page 133 |
| | 0. Pre-Approved | Traffic Signal Infrastructure - Maintenance and Replacement [Multiple Funding Src] | Engineering | | - | 50,000 | 50,000 | 50,000 | 50,000 | - | Page 134 |
| | 0. Pre-Approved | Transit Infrastructure - Bus Stop Improvements | Engineering | | - | 25,000 | 25,000 | 25,000 | 25,000 | - | Page 135 |
| | 1. Council | Street Name Sign Replacement Program [Multiple Funding Src] | Engineering | | - | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | Page 131 |
| | 2. High | Angela and Cecile Utility and Roadworks Improvements [Multiple Funding Src] | Water | | - | 75,000 | - | - | - | - | Page 327 |
| | 2. High | Bridge Maintenance - Scoping, Assessment & Repairs | Engineering | | - | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | Page 121 |
| | 2. High | CP Rail Crossings - Project Implementation | Engineering | | - | - | 50,000 | 50,000 | 50,000 | - | Page 125 |
| | 2. High | Gatensbury Drive (Grant St to Coquitlam/City Limit) [Multiple Funding Src] | Sewer & Drainage | | - | 15,000 | 500,000 | - | - | - | Page 280 |
| | 2. High | Newport Drive /Ungless Way Crosswalk Enhancements | Engineering | | - | 75,000 | - | - | - | - | Page 128 |
| 2. High | Streetlighting Replacement Program [Multiple Funding Src] | Engineering | | - | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | Page 132 | |
| 3. Medium | Road Surface Temperature Sensors | Engineering | | - | 58,000 | - | - | - | - | Page 129 | |
| 4. Low | College Park Way (Cecile Dr to Oxford Dr) [Multiple Funding Src] | Water | | - | - | - | 80,000 | - | - | Page 310 | |
| 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 | |

| Asset Reserve - Capital Programs | Division | 2016 Revised Budget | 2017 Plan | 2018 Plan | 2019 Plan | 2020 Plan | 2021 Plan | Projects Detail |
|----------------------------------|----------|------------------------|--------------|--------------|--------------|--------------|--------------|-----------------|
|----------------------------------|----------|------------------------|--------------|--------------|--------------|--------------|--------------|-----------------|

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 | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Projects Detail |
|----------------------------------|---|------------|--|----------------|---------|---------|---------|---------|---------|-----------------|
| Division | | | | 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 | | | Division | 2016 Revised Budget | 2017 Plan | 2018 Plan | 2019 Plan | 2020 Plan | 2021 Plan | Projects Detail |
|---|--|------------|----------|------------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| 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 | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Projects Detail |
|--|---|----------------------|--|----------------|---------|---------|---------|---------|---------|-----------------|
| Division | | | | 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 | 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 | 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 Revised Budget | 2017 Plan | 2018 Plan | 2019 Plan | 2020 Plan | 2021 Plan | Projects Detail |
|--|--|------------|----------|------------------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| 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 | Ioco 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 |
|--------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------------|----------------|
|--------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------------|----------------|

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 Feasability 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 | 0 | Page 226 | CIS17102 |
| 0. Pre-Approved | TEMPEST Upgrades | Asset Reserve - Equipment - City | 25,000 | 0 | 0 | 0 | 0 | 0 | Page 224 | CIS17101 |
| 0. Pre-Approved | Upgrade Orthophotos | Asset Reserve - Unallocated | 12,000 | 12,000 | 12,000 | 12,000 | 0 | 0 | Page 221 | OIS17001 |
| 2. High | Agresso Upgrades | Asset Reserve - Equipment - City | 0 | 0 | 35,000 | 0 | 35,000 | 0 | Page 222 | |
| 2. High | Backup Server Replacements | Asset Reserve - Equipment - City | 0 | 15,000 | 0 | 0 | 15,000 | 0 | Page 223 | |
| 2. High | Disk Array Replacement | Asset Reserve - Equipment - City | 0 | 0 | 0 | 0 | 65,000 | 0 | Page 229 | |
| 2. High | Network Switch Replacement | Asset Reserve - Equipment - City | 0 | 110,000 | 0 | 0 | 0 | 0 | Page 227 | |
| 2. High | Virtual Server Replacement | Asset Reserve - Equipment - City | 0 | 0 | 0 | 58,000 | 0 | 0 | Page 228 | |
| 3. Medium | Project Planning Software | Asset Reserve - Equipment - City | 0 | 30,000 | 0 | 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 | 0 | Page 271 | CPD17101 |
| 2. High | Approved Screening Device Replacement | Asset Reserve - Equipment - Police | 0 | 0 | 11,500 | 0 | 0 | 0 | Page 249 | |
| 2. High | Cell Recording System | Asset Reserve - Equipment - Police | 0 | 0 | 75,000 | 0 | 0 | 0 | Page 239 | |
| 2. High | Computers New and Replacement | Asset Reserve - Equipment - Police | 27,300 | 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 | 0 | Page 247 | |
| 2. High | DNA Fridge | Asset Reserve - Equipment - Police | 15,000 | 0 | 0 | 0 | 0 | 0 | Page 269 | CPD17105 |
| 2. High | External Hard Armor | Asset Reserve - Equipment - Police | 0 | 0 | 16,500 | 23,500 | 0 | 0 | Page 250 | |
| 2. High | Forensic Light | Asset Reserve - Equipment - Police | 0 | 0 | 0 | 27,000 | 0 | 0 | Page 248 | |
| 2. High | IT Backup | Asset Reserve - Equipment - Police | 0 | 0 | 0 | 60,000 | 0 | 0 | Page 270 | |
| 2. High | Replacement LAN Server | Asset Reserve - Equipment - Police | 0 | 0 | 0 | 0 | 75,000 | 0 | Page 241 | |
| 2. High | Replacement Laptops for Police Cars | Asset Reserve - Equipment - Police | 19,200 | 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 | 0 | Page 243 | |
| 2. High | Replacement of UPS Batteries | Asset Reserve - Equipment - Police | 0 | 0 | 0 | 0 | 12,740 | 0 | Page 267 | |
| 2. High | Software Upgrade | Asset Reserve - Equipment - Police | 0 | 0 | 33,000 | 0 | 0 | 0 | Page 244 | |
| 2. High | Telephone Infrastructure | Asset Reserve - Equipment - Police | 0 | 0 | 0 | 0 | 14,200 | 0 | Page 268 | |
| 2. High | Telephone Router | Asset Reserve - Equipment - Police | 0 | 0 | 5,000 | 0 | 0 | 0 | Page 246 | |
| 2. High | Telephone System - VOIP | Asset Reserve - Equipment - Police | 50,000 | 0 | 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 | 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 | 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 | 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 | 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 Maintainance | 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 |
| 2. High | Asset Management - Sewer & Drainage | Sewer Capital Reserve | | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | Page 293 | CSD17102 |
| 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 | | |

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 | Glenayre/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 | | |
|-----------------------|--|--|-----------|-----------|---------|-----------|-----------|--|--|