

HALIFAX

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Item No. 04
Committee of the Whole
December 14, 2016

TO: Mayor Savage and Members of Halifax Regional Council

SUBMITTED BY:

Original Signed by 

Jacques Dubé, Chief Administrative Officer

Original Signed by 

Jane Fraser, Acting Deputy Chief Administrative Officer

DATE: December 5, 2016

SUBJECT: Proposed 2017-18 Capital Program Budget and 10 Year Capital Plan

ORIGIN

At the December 6, 2016 Committee of the Whole, Regional Council confirmed the strategic priorities and directed staff to present the 2017-2018 and 2018-2019 draft Budget and Business Plans to the Committee of the Whole for review and discussion prior to consideration by Regional Council.

LEGISLATIVE AUTHORITY

Pursuant to the Halifax Charter, section 35 (1), the Chief Administrative Officer shall (b) ensure that an annual budget is prepared and submitted to the Council.

RECOMMENDATION

It is recommended that Committee of the Whole recommend to Regional Council to:

1. Direct staff to prepare the ten-year capital plan, approve the capital budget for 2017-18, and schedule of reserves withdrawals, and approve in principal the 2018-19 capital budget as presented to Committee of the Whole as per Attachments 1a, 1b and 1c.
2. Approve the list of 2017-18 advanced capital funding as per Attachment 2.
3. Approve the list of multi-year projects as per Attachment 3.

BACKGROUND

As part of the design of the Multi – Year Budget and Business Plan development process, the Committee of the Whole is reviewing each Business Unit’s operating budget for 2017-18 and 2018-19, as well as the capital program budget for the same years, in advance of detailed HRM Budget and Business Plan approval.

At the December 6, 2016 Committee of the Whole, Regional Council considered and confirmed their Priority Outcomes and directed staff to develop the Multi Year Budget and Business Plans in support of those priorities.

The capital budget funding request for a specific year is based on the cash flow that will actually be spent in that fiscal year, rather than the previous process of approving the total project budget amount in one year. This change has led to the requirement for Regional Council to approve projects that span multiple years as part of the capital budget approval process. This approval gives staff the authority to commit the Municipality to the full project budget amount however the actual funding is not required until the year in which the expense will be incurred, this aligns the taxpayer cost to the project schedule.

In addition to multi-year projects, Regional Council is asked to approve a list of projects for Advanced Capital funding. The purpose of advanced capital funding is to allow tenders for projects that are time sensitive, generally due to a short construction season or the need to meet a critical opening date, to be awarded in time to take advantage of the construction season. Another advantage of advanced capital funding is that it often results in competitive pricing as contractors are looking to secure contracts for the upcoming construction season.

DISCUSSION

As part of the multi-year capital program budget preparation, staff have reviewed existing and new project accounts to ensure they are aligned to Council’s Priority Outcomes and HRM’s fiscal strategic direction. Funding for the capital budget remains strong; debt is continuing to decline, pay-as-you-go funding (capital from operating and reserves) is steady. Approximately 50% of the capital budget is directed toward projects that maintain the assets that we already own – state of good repair (SOGR).

This year, staff is presenting a 10 year capital plan for review. The projects listed in years 6 to 10 are those regional strategic projects (planned and potential), that Regional Council approved in July 29, 2014. Major initiatives that are currently included will have an impact on the municipality’s capital plan, for example the Integrated Mobility Plan (IMP). It should be pointed out that cost estimates for projects in the 6-10 year time frame are extremely preliminary and are being included as an order of magnitude and to ensure these projects remain in the plan. Assumptions made for state of good repair (SOGR) projects during this timeframe is an annual increase of 3%.

Both 2017-18 and 2018-19 capital plans are balanced. Funding assumptions for 2018-19 come from the Multi Year Fiscal Strategy as presented by the Chief Financial Officer. The assumptions for federal cost sharing are very conservative; funding is only included in the funding model if there is a reasonable likelihood that they will be received.

As part of the capital planning exercise, staff reduced a number of projects in 2018-19, in order to achieve a balanced capital program. These reductions totaled approximately \$35 million.

It is anticipated that there will be some changes in the capital plan as the construction season gets underway. These changes can occur for a number of reasons such as; weather, tenders coming over budget and requiring a re-scoping, or design not progressing as quickly as anticipated.

If additional funding or if federal cost sharing is identified for the 2018-19 capital plan, the following asset classes will be recommended for funding:

- Street recapitalization \$10 M
- Business Tools \$2.5 M
- Buildings \$8.5 M
- Halifax Transit \$1.0 M
- Fleet and Equipment \$1.5 M
- Parks and Playgrounds \$8.0 M
- Other Transportation \$2.5 M
- Active Transportation \$1.0 M

The 2017-18 gross capital budget is \$188 million and the net budget is \$97.2 million. When projects that are under construction in the current fiscal year (\$86.3M) and expected to be completed in 2017-18 are included, the total amount of capital spending (or work plan) for 2017-18 is in the range of \$274.3 million.

When compared to fiscal 2016-17, the 2017-18 gross capital budget has decreased by \$8 million (or 4%). The main reason for the change is due to the Dartmouth 4 Pad project which had its major construction year in 2016 (\$34.0 million) and caused a spike in the year over year spending.

The 2018-19 gross capital budget will decrease by \$41M (or 22%) year over year. This is a levelling off year as several large projects with reserve and cost shared funds will be completed in 2017-18 such as the Dartmouth 4 Pad, the Dartmouth Sportsplex, the Ferry Replacements and Cell 6 closure.

Capital projects are classified in three types;

- 1) State of Good Repair –maintaining the assets that we currently have to ensure services can be delivered at an acceptable level,
- 2) Service Improvements – projects which are required to expand a level, or increase a level of service to existing residents or businesses, and
- 3) Growth – which provides new services to new residents or businesses.

The following table shows the investment by type for 2017-18 and 2018-19 with a comparison to the investment in 2016-17.

Type	2016-17 Gross Budget	% of budget	2017-18 Gross Budget	% of budget	2018-19 Gross Budget	% of budget
State of Good Repair (SOGR)	\$130.9 M	66.1%	\$94.1 M	50.0%	\$82.1 M	55.7%
Service Improvements	\$ 64.6 M	32.6%	\$81.5 M	43.4%	\$63.2 M	42.9%
Growth	\$2.4 M	1.2%	\$12.4 M	6.6%	\$ 2.1 M	1.4%
Total	\$197.9 M		\$188.0 M		\$147.4 M	

Attachment 1 a, b and c lists the ten year capital program in detail. The projects are categorized by asset type as an example; buildings, parks and playgrounds, equipment and fleet, and Halifax Transit, with projected cash flow for each year. Some projects listed in the attachment are a continuation of multi-year projects that had been approved last year, such as the Dartmouth 4 Pad, and the LED Streetlight Technology projects.

Attachment 2 lists the projects that require advanced capital funding. Advanced capital funding allows tenders to be called and awarded in advance of final capital budget being passed by Regional Council. Projects on this list are: street recapitalization, parks, some buildings and Transit Projects with Federal Public Transit Infrastructure Funding (PTIF) which are time sensitive.

Attachment 3 lists the projects that will be starting in 2017-18, however because of the time it will take to construct the project, will not be completed in the 2017-18 fiscal year. Because approval of the full project amount is required for procurement purposes, the total project budget approval allows the project

to be tendered for the complete project scope. It should be noted that even with a multi-year approval, staff are required to return to Regional Council for project approval in the event the tendered project cost comes in over the approved budget approval.

FINANCIAL IMPLICATIONS

The recommendations in this report will lead to the development of a proposed capital program budget for 2017-18 and 2018-19. The lifecycle operating and maintenance costs, and possible revenues, related to new capital assets being completed or delivered in 2017-18 and 2018-19 will be incorporated in the business unit operating budgets.

Approval of the Advanced Capital Funding request outlined in Attachment 2 will result in procurement preparations in 2016-17 but no financial implications of work completed until fiscal 2017-18.

The broader financial implications of the total budget will be discussed and debated as the budget is developed in more detail.

COMMUNITY ENGAGEMENT

Committee of the Whole is open to the Public. Citizens have been engaged through the Shape your Budget 2016 consultation process.

ENVIRONMENTAL IMPLICATIONS

None are identified.

ALTERNATIVES

The Committee of the Whole can choose to amend the Capital Program Budget, including advanced capital funding requests, as proposed in the accompanying presentation through specific motion.

ATTACHMENTS

- Attachment 1a) 2017-18 to 2021-22 Capital Budget Project List Years 1-5
- Attachment 1b) 2022-23 to 2026-27 Capital Budget Project List Years 6-10
- Attachment 1c) 2017-18 to 2018-19 Proposed Reserve Withdrawals
- Attachment 2 2017-18 Advanced Capital Funding Project List
- Attachment 3 2017-18 Multi-Year Project List

A copy of this report can be obtained online at <http://www.halifax.ca/council/agendasc/cagenda.php> then choose the appropriate meeting date, or by contacting the Office of the Municipal Clerk at 902.490.4210, or Fax 902.490.4208.

Report Prepared by:

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Financial Approval by:

Amanda Whitewood, Director of Finance & ICT/CFO, 902.490.6308

Report Approved by:

Jane Fraser, Acting/ Deputy Chief Administrative Officer, 902-490-4630

Attachment 1A
2017/18 Proposed Capital Budget Years 1-5

Project Name	Project #	2017 Gross	2017 Net	2018 Gross	2018 Net	2019 Gross	2019 Net	2020 Gross	2020 Net	2021 Gross	2021 Net
Buildings											
Accessibility - HRM Facilities	CBX01154	100,000	100,000	500,000	500,000	500,000	500,000	600,000	600,000	600,000	600,000
Alderney Gate Recapitalization(Bundle)	CBX01157	-	-	500,000	-	500,000	-	500,000	-	500,000	-
BMO Centre	CB000064	467,500	-	250,000	-	250,000	-	250,000	-	250,000	-
Building Recapitalization Future Years - Parks & Recreation	CB000048	-	-	-	-	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
Captain William Spry Renovations	CB000023	-	-	-	-	1,250,000	1,250,000	-	-	-	-
Cole Harbour Place	CB000045	300,000	300,000	1,300,000	1,300,000	-	-	-	-	-	-
Consulting - Buildings (Category 0)	CBX01268	200,000	200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Corporate Accommodations	CB000047	-	-	-	-	2,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Dartmouth Multi-Pad	CB000049	7,000,000	-	100,000	-	250,000	-	250,000	-	250,000	-
Dartmouth North Community Centre Upgrades	Build1	1,000,000	500,000	600,000	600,000	-	-	-	-	-	-
Dartmouth Sportsplex Revitalization	CB000006	12,400,000	-	4,000,000	-	-	-	-	-	-	-
Eastern Passage High School Enhancements	CB000007	-	-	-	-	650,000	650,000	-	-	-	-
Energy Efficiency Upgrades	CBX01161	-	-	500,000	-	500,000	-	500,000	-	-	-
Environmental Remediation/Building Demolition	CBX01162	400,000	-	400,000	-	400,000	-	400,000	-	400,000	400,000
Fire Station 2, University Ave Recapitalization	CB000052	780,000	780,000	1,000,000	1,000,000	-	-	-	-	-	-
Fire Station Replacements	CB000065	2,000,000	2,000,000	-	-	9,000,000	9,000,000	5,000,000	5,000,000	-	-
Halifax City Hall and Grand Parade Restoration	CBX01046	900,000	900,000	-	-	500,000	500,000	500,000	500,000	500,000	500,000
Halifax Forum Redevelopment	CBX01340	-	-	-	-	4,000,000	-	20,000,000	-	20,000,000	-
HRFE Future Buildings Recapitalization	CB000057	-	-	250,000	250,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
HRM Depot Upgrades	CBX01170	875,000	875,000	400,000	400,000	-	-	-	-	500,000	500,000
Lakeside Community Centre Recapitalization	Build7	-	-	-	-	1,000,000	1,000,000	-	-	-	-
Library Masterplan Implementation	Build3	500,000	500,000	-	-	1,500,000	1,500,000	-	-	15,000,000	15,000,000
Mechanical (Category 6)	CBX01269	-	-	-	-	-	-	-	-	100,000	100,000
Metropark Upgrades	CBX01140	90,000	-	100,000	-	100,000	-	100,000	-	100,000	-
Multi District Facilities (MDF)-Upgrades (Bundle)	CB000002	500,000	500,000	-	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Musquodoboit Library Refurbishment	CB000070	-	-	195,000	195,000	-	-	250,000	250,000	-	-
Needham Community Centre Recapitalization	Build8	-	-	-	-	1,000,000	1,000,000	2,000,000	2,000,000	20,000,000	20,000,000
Performing Arts Centre	Build4	-	-	-	-	-	-	-	-	-	-
Police Headquarters	CB000022	-	-	-	-	-	-	-	-	5,000,000	5,000,000
Power House Recapitalization	CB000032	330,000	330,000	-	-	-	-	-	-	-	-
Regional Heritage Museum	Build2	-	-	-	-	-	-	2,000,000	2,000,000	10,000,000	10,000,000
Regional Library Facility Upgrade	CBX01165	250,000	250,000	500,000	500,000	-	-	-	-	-	-
Regional Park Washrooms	CB000010	60,000	60,000	-	-	400,000	400,000	400,000	400,000	400,000	400,000
Roof (Category 3)	CBX01272	685,000	685,000	750,000	750,000	1,000,000	1,000,000	1,000,000	1,000,000	1,500,000	1,500,000
Sackville Sports Stadium	CB000060	-	-	1,000,000	1,000,000	-	-	-	-	-	-
Sambro/Harrietsfield Fire Station	Build5	2,500,000	2,300,000	1,500,000	1,500,000	-	-	-	-	-	-
Scotiabank Centre	CB000028	200,000	-	2,850,000	-	800,000	-	200,000	-	100,000	-
Sheet Harbour Rec Centre	Build6	-	-	2,515,000	2,515,000	-	-	-	-	-	-
Shubenacadie Greenway Trail	CDG00493	400,000	400,000	-	-	-	-	-	-	-	-
Site Work (Category 1)	CBX01271	250,000	250,000	150,000	150,000	300,000	300,000	325,000	325,000	325,000	325,000
St. Andrew's Community Centre	CB000011	1,600,000	1,600,000	3,000,000	3,000,000	1,500,000	1,500,000	-	-	-	-
St. Mary's Boat Club	CB000004	-	-	-	-	-	-	-	-	3,000,000	3,000,000
Stadium	CB000012	-	-	-	-	-	-	-	-	-	-
Structural (Category 4)	CBX01270	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	300,000	300,000
Buildings Total		33,887,500	12,630,000	22,560,000	13,860,000	32,700,000	25,900,000	40,575,000	18,375,000	85,025,000	63,825,000
Business Tools											
Accident Reporting Business Intelligence	CI000006	100,000	100,000	-	-	-	-	-	-	-	-
Application Recapitalization	CI000002	900,000	900,000	800,000	800,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Business Intelligence (BI) Program	CI990001	179,000	-	-	-	275,000	275,000	275,000	275,000	275,000	275,000
Coporate Vehicle Fuel Management	BT2	125,000	125,000	-	-	-	-	-	-	-	-
Corporate Epayment Solution	CI000008	50,000	50,000	-	-	-	-	-	-	-	-
Corporate Scheduling (formerly Rostering)	CI000015	750,000	750,000	370,000	370,000	550,000	550,000	-	-	-	-
Corporate Time Entry/Payroll Optimization (formerly HR Employee Self Serve/Manager Self Serve (ESS/MSS))	CI990032	-	-	425,000	425,000	1,275,000	1,275,000	-	-	-	-
CRM Software Replacement	CI990020	250,000	250,000	-	-	-	-	-	-	-	-
Enterprise Asset Management (EAM)	CID00631	1,580,000	1,580,000	-	-	-	-	-	-	-	-
Enterprise Content Management Program	CI990018	150,000	150,000	150,000	150,000	150,000	150,000	500,000	500,000	500,000	500,000
HRFE Dispatch Project	CI990027	-	-	-	-	300,000	300,000	-	-	-	-

Attachment 1A
2017/18 Proposed Capital Budget Years 1-5

Project Name	Project #	2017 Gross	2017 Net	2018 Gross	2018 Net	2019 Gross	2019 Net	2020 Gross	2020 Net	2021 Gross	2021 Net
HRFE Fire Department Management(FDM) Review & Enhancements	CI990028	150,000	150,000	150,000	150,000	-	-	-	-	-	-
HRFE Mobility	BT3	-	-	-	-	300,000	300,000	255,000	255,000	-	-
HRP Records Management System Optimization (formerly HRP GO Data and Information Management)	CI990023	-	-	-	-	200,000	200,000	200,000	200,000	200,000	200,000
ICT Business Tools	CI990004	200,000	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
ICT Infrastructure Recapitalization	CI000004	305,000	305,000	800,000	800,000	850,000	850,000	950,000	950,000	950,000	950,000
IT Service Management	CI990002	100,000	100,000	125,000	125,000	135,000	135,000	100,000	100,000	-	-
LIDAR Data Acquisition	BT4	2,400,000	-	-	-	-	-	-	-	-	-
Parking Technology	CI990031	470,000	-	2,000,000	-	1,500,000	-	400,000	-	-	-
Permitting, Licensing, and Compliance Replacement Solution	CI990013	457,000	457,000	1,775,000	1,775,000	593,000	593,000	-	-	-	-
Recreation Services Software	CI000005	1,645,000	1,645,000	1,070,000	1,070,000	1,755,000	1,755,000	-	-	-	-
Revenue Management Solution	CI990009	500,000	500,000	1,270,000	1,270,000	1,500,000	1,500,000	-	-	-	-
SAP Optimization	CI000200	250,000	250,000	250,000	250,000	750,000	750,000	750,000	750,000	750,000	750,000
Source Management	CI000016	350,000	350,000	-	-	-	-	-	-	-	-
Web Transformation Program	CI000001	-	-	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Business Tools Total		10,911,000	8,041,000	9,735,000	7,735,000	11,883,000	10,383,000	5,180,000	4,780,000	4,425,000	4,425,000
District Capital Funds		1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000
Equipment & Fleet											
Fire Apparatus Fleet Expansion	Fleet1	1,400,000	1,400,000	-	-	-	-	-	-	-	-
Fire Apparatus Replacement	CVJ01088	1,803,000	1,638,000	2,490,000	2,490,000	7,350,000	7,350,000	4,500,000	4,500,000	3,000,000	3,000,000
Fire Services Equipment Replacement	CE010001	1,200,000	1,200,000	1,100,000	1,100,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Fire Services Water Supply	CE010002	150,000	150,000	50,000	50,000	150,000	150,000	150,000	150,000	150,000	150,000
Fleet Expansion	Fleet2	365,000	365,000	-	-	-	-	-	-	-	-
Fleet Vehicle Replacement	CVD01087	1,585,000	1,420,000	1,300,000	1,300,000	1,700,000	1,700,000	1,700,000	1,700,000	2,250,000	2,250,000
Ice Resurfacer Replacement	CVU01207	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
Police Fleet	CVK01090	1,200,000	1,035,000	1,000,000	1,000,000	1,500,000	1,500,000	1,100,000	1,100,000	1,900,000	1,900,000
Police Services Replacement Equipment	CE020001	415,000	415,000	460,000	460,000	490,000	490,000	420,000	420,000	-	-
Police Vehicle Equipment	CVK01207	-	-	175,000	175,000	225,000	225,000	200,000	200,000	-	-
Equipment & Fleet Total		8,243,000	7,748,000	6,700,000	6,700,000	12,740,000	12,740,000	9,395,000	9,395,000	8,625,000	8,625,000
Halifax Transit											
Access-A-Bus Expansion	CVD00429	235,000	235,000	240,000	120,000	240,000	240,000	240,000	240,000	250,000	250,000
Access-A-Bus Replacement	CVD00430	1,330,000	1,330,000	210,000	105,000	630,000	630,000	1,275,000	1,275,000	990,000	990,000
Biennial Ferry Refit	CVD00436	-	-	600,000	600,000	-	-	600,000	600,000	600,000	600,000
Burnside Transit Centre Roof Repairs	X002	500,000	500,000	-	-	1,000,000	1,000,000	-	-	-	-
Bus Maintenance Equipment Replacement	CM000005	600,000	600,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Bus Rapid Transit Study	CM000015	200,000	100,000	-	-	-	-	-	-	-	-
Bus Stop Accessibility & Improvements	CBT00432	470,000	235,000	235,000	117,500	235,000	235,000	235,000	235,000	235,000	235,000
Commuter Rail - IMP	MT01	150,000	150,000	-	-	-	-	24,000,000	24,000,000	24,000,000	24,000,000
Conventional Bus Expansion	CV020003	5,946,330	3,073,330	4,852,205	2,426,102	6,186,562	6,186,562	7,572,352	7,572,352	3,480,000	3,480,000
Conventional Bus Replacement	CV020004	-	-	9,021,400	4,510,700	15,336,000	15,336,000	20,023,000	20,023,000	20,832,000	20,832,000
Electric Bus Pilot	CM000011	1,000,000	750,000	-	-	-	-	-	-	-	-
Ferry Replacement	CM000001	10,600,000	2,900,000	-	-	-	-	-	-	-	-
Ferry Terminal Generators	CM000013	600,000	300,000	-	-	-	-	-	-	-	-
Ferry Terminal Pontoon Rehabilitation	CBX01171	690,000	690,000	-	-	250,000	250,000	250,000	250,000	250,000	250,000
MetroX Expansion	CM000006	-	-	-	-	4,400,000	4,400,000	-	-	-	-
Mid-Life Rebuild	CVD00431	185,000	185,000	185,000	185,000	185,000	185,000	185,000	185,000	185,000	185,000
Mumford Terminal Replacement	CB000014	300,000	150,000	-	-	-	-	-	-	-	-
New Transit Technology	CM020005	700,000	700,000	8,480,000	8,480,000	7,300,000	7,300,000	-	-	-	-
New/Expanded Transit Centre	CB000017	3,000,000	3,000,000	-	-	3,500,000	3,500,000	16,500,000	16,500,000	10,000,000	10,000,000
Ragged Lake Transit Centre Paving Project	X008	-	-	100,000	100,000	-	-	-	-	-	-
Transit Facility Implementation Plan	CB000016	250,000	250,000	-	-	500,000	500,000	13,000,000	13,000,000	1,500,000	1,500,000
Transit Priority Measures	CM000009	900,000	450,000	350,000	175,000	-	-	-	-	-	-
Transit Priority Measures Corridors Study	CM000014	250,000	125,000	-	-	-	-	-	-	-	-
Transit Security	CMU0982	3,900,000	1,950,000	-	-	300,000	300,000	300,000	300,000	300,000	300,000
Transit Support Vehicle Replacement	CV000004	70,000	70,000	160,000	160,000	-	-	130,000	130,000	60,000	60,000
West Bedford Park & Ride	CM000010	-	-	500,000	500,000	2,500,000	2,500,000	-	-	-	-
Wrights Cove Terminal	CR000007	-	-	2,000,000	1,000,000	-	-	-	-	-	-
Halifax Transit Total		31,876,330	17,743,330	27,233,605	18,779,302	42,862,562	42,862,562	84,610,352	84,610,352	62,982,000	62,982,000
Halifax Water (CWWF)											

Attachment 1A
2017/18 Proposed Capital Budget Years 1-5

Project Name	Project #	2017 Gross	2017 Net	2018 Gross	2018 Net	2019 Gross	2019 Net	2020 Gross	2020 Net	2021 Gross	2021 Net
Fall River Water Servicing	CWWF2	6,608,964	-	-	-	-	-	-	-	-	-
Herring Cove Servicing Phase 2B	CWWF1	7,844,305	-	-	-	-	-	-	-	-	-
Halifax Water (CWWF) Total		14,453,269	-	-	-	-	-	-	-	-	-
Parks & Playgrounds											
Baker Drive Parkland Development	CP3	1,000,000	-	-	-	-	-	-	-	-	-
Beazley Field	CP4	500,000	500,000	500,000	500,000	-	-	-	-	-	-
Cemetery Fence Restoration	CP000015	-	-	50,000	50,000	350,000	-	350,000	-	350,000	-
Cole Harbour All Weather Field Building	CP110002	300,000	300,000	-	-	-	-	-	-	-	-
Cornwallis Park Master Plan Implementation	CP000011	600,000	600,000	500,000	500,000	-	-	-	-	-	-
Cultural Spaces	CD990003	-	-	250,000	-	250,000	-	-	-	-	-
Fort Needham Master Plan Implementation	CP000012	1,500,000	1,000,000	-	-	1,500,000	1,500,000	-	-	-	-
Halifax Common Upgrades	CP000013	1,250,000	1,250,000	2,000,000	2,000,000	3,500,000	3,500,000	-	-	-	-
North Common Restoration	CP2	500,000	-	-	-	-	-	-	-	-	-
Park Land Acquisition	CPX01149	4,500,000	2,400,000	1,000,000	500,000	7,000,000	6,500,000	500,000	-	500,000	-
Park Recapitalization	CP000002	2,450,000	2,360,000	1,500,000	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Point Pleasant Park Upgrades	CP000006	850,000	850,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Public Gardens Upgrades	CPX01193	815,000	686,000	600,000	600,000	250,000	250,000	-	-	-	-
Regional Water Access/ Beach Upgrades	CPX01331	800,000	750,000	650,000	650,000	650,000	650,000	650,000	650,000	650,000	650,000
Sports Fields/Courts - State of Good Repair	CP000003	1,250,000	1,250,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	3,500,000	3,500,000
Sports/Ball Fields/Courts - New	CP000004	200,000	120,000	-	-	50,000	50,000	50,000	50,000	50,000	50,000
Western Common Master Plan Implementation	CP000014	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	-	-
Parks & Playgrounds Total		16,565,000	12,116,000	8,850,000	8,100,000	17,350,000	16,250,000	5,350,000	4,500,000	7,300,000	6,450,000
Roads & Active Transportation											
Active Transportation - Strategic Projects	CTU00420	4,100,000	4,100,000	4,100,000	4,100,000	4,650,000	4,650,000	8,850,000	8,850,000	8,500,000	8,500,000
Bridges	CRU01077	-	-	2,500,000	2,500,000	3,000,000	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000
MacDoonald Bridge Bikeway Connection	CT000010	400,000	400,000	1,000,000	1,000,000	4,600,000	4,600,000	1,000,000	1,000,000	-	-
New Paving Streets - HRM Owned Roads	CR000002	-	-	500,000	334,000	500,000	335,000	500,000	335,000	500,000	335,000
New Paving Subdivision Streets - Provincial	CR990001	1,740,000	-	500,000	-	500,000	-	500,000	-	500,000	-
Other Road Related Works	CRU01079	1,500,000	1,500,000	2,250,000	2,250,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Road Operations and Construction - State of Good Repair	CR990002	3,600,000	3,600,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Sidewalk Renewals	CKU01084	3,000,000	3,000,000	3,250,000	3,250,000	3,500,000	3,500,000	3,750,000	3,750,000	4,000,000	4,000,000
Street Recapitalization	CR000005	21,000,000	20,782,670	21,000,000	18,737,698	27,000,000	27,000,000	28,000,000	28,000,000	29,000,000	29,000,000
Roads & Active Transportation Total		35,340,000	33,382,670	39,100,000	36,171,698	50,750,000	50,085,000	53,100,000	52,435,000	53,000,000	52,335,000
Solid Waste											
Composting/Anaerobic Digestion (AD) Plant	CW000004	250,000	-	250,000	-	-	-	-	-	-	-
Environment Monitoring Site Work 101 Landfill	CWU01353	100,000	-	100,000	-	100,000	-	100,000	-	100,000	-
Green Carts for New Residents/Replacement Greencarts	CW000001	735,000	-	735,000	-	735,000	-	735,000	-	735,000	-
Half Closure Cell 6 - Otter Lake	CWU01358	7,500,000	-	-	-	-	-	-	-	-	-
Leachate Evaporator	SW1	2,500,000	-	-	-	-	-	-	-	-	-
Materials Recovery Facility Purchase	SW3	-	-	750,000	-	-	-	-	-	-	-
Materials Recovery Facility Repairs	CW000007	85,000	-	50,000	-	50,000	-	-	-	-	-
Miller Composting Purchase	SW2	-	-	2,100,000	-	-	-	-	-	-	-
New Era Recapitalization	CW000009	250,000	-	250,000	-	-	-	-	-	-	-
Rural Depot	CW000003	140,000	-	-	-	-	-	320,000	-	-	-
Solid Waste Total		11,560,000	-	4,235,000	-	885,000	-	1,155,000	-	835,000	-
Traffic Improvements											
Bedford West Road Oversizing	CTU01006	-	-	-	-	650,000	260,000	3,300,000	1,320,000	3,500,000	1,400,000
Burnside Connection to Highway 107	TI2	-	-	-	-	4,500,000	4,500,000	7,400,000	7,400,000	-	-
Cogswell Interchange Redevelopment	CT000007	15,000,000	-	23,000,000	-	20,000,000	-	-	-	-	-
Controller Cabinet and Detection Program	CT000004	800,000	800,000	800,000	800,000	980,000	980,000	530,000	530,000	550,000	550,000
Destination Signage Program	CTR00904	100,000	100,000	100,000	100,000	100,000	100,000	-	-	100,000	100,000
Downtown Streetscapes - Future Projects	CD000001	-	-	-	-	-	-	9,000,000	-	-	-
Herring Cove Road Widening	CTX01116	-	-	-	-	-	-	-	-	-	-
Integrated Mobility Master Plan	TI4	-	-	-	-	-	-	6,000,000	6,000,000	5,000,000	5,000,000
Intersection Improvement Program	CTU01086	190,000	190,000	900,000	900,000	1,900,000	1,900,000	2,000,000	2,000,000	1,800,000	1,800,000
LED Conversion of HRM Streetlights	CT000005	4,465,000	-	-	-	-	-	-	-	-	-
MacLennan Drive - IMP	CTU01365	130,000	130,000	-	-	1,850,000	1,850,000	1,850,000	1,850,000	-	-
Margeson Drive - IMP	CTU01287	-	-	-	-	3,100,000	3,100,000	-	-	-	-
Opticom Signalization System	CEJ01220	80,000	-	80,000	-	80,000	-	80,000	-	80,000	-

Attachment 1A
2017/18 Proposed Capital Budget Years 1-5

Project Name	Project #	2017 Gross	2017 Net	2018 Gross	2018 Net	2019 Gross	2019 Net	2020 Gross	2020 Net	2021 Gross	2021 Net
Road Corridor Land Acquisition	CTU00897	100,000	-	100,000	-	100,000	-	100,000	-	100,000	100,000
Ross Road Realignment	CT000012	600,000	600,000	-	-	-	-	-	-	-	-
Shearwater Connector - IMP	TI6	-	-	-	-	1,000,000	1,000,000	7,500,000	7,500,000	6,000,000	6,000,000
Street Lighting	CRU00792	25,000	25,000	230,000	230,000	235,000	235,000	235,000	235,000	-	-
Streetscaping in Center Hubs and Corridors	CDV00734	-	-	-	-	500,000	500,000	750,000	750,000	1,000,000	1,000,000
Traffic Signal Installation	CTU01085	180,000	180,000	400,000	400,000	750,000	750,000	750,000	750,000	750,000	750,000
Traffic Signal Rehabilitation	CTU00419	1,500,000	1,500,000	1,400,000	1,400,000	1,950,000	1,950,000	1,680,000	1,680,000	1,000,000	1,000,000
Traffic Signal Re-lamping Program	CT000002	510,000	510,000	520,000	520,000	-	-	-	-	-	-
Traffic Improvements Total		23,680,000	4,035,000	27,530,000	4,350,000	37,695,000	17,125,000	41,175,000	30,015,000	19,880,000	17,700,000
Grand Total		188,020,099	97,200,000	147,447,605	97,200,000	208,369,562	176,849,562	242,044,352	205,614,352	243,576,000	217,846,000

Attachment 1B
2017/18 Proposed Capital Budget Years 6-10

Row Labels	Project #	2022 Gross	2022 Net	2023 Gross	2023 Net	2024 Gross	2024 Net	2025 Gross	2025 Net	2026 Gross	2026 Net	Total 10 year Gross
Buildings												
Accessibility - HRM Facilities	CBX01154	618,000	618,000	636,000	636,000	655,000	655,000	675,000	675,000	695,000	695,000	5,479,000
Alderney Gate Recapitalization(Bundle)	CBX01157	500,000	-	500,000	-	500,000	-	500,000	-	500,000	-	4,500,000
BMO Centre	CB000064	250,000	-	250,000	-	250,000	-	250,000	-	250,000	-	2,717,500
Building Recapitalization Future Years - Parks & Recreation	CB000048	2,680,000	2,680,000	2,760,000	2,760,000	2,840,000	2,840,000	2,925,000	2,925,000	3,015,000	3,015,000	22,020,000
Captain William Spry Renovations	CB000023	-	-	-	-	-	-	-	-	-	-	1,250,000
Cole Harbour Place	CB000045	-	-	-	-	-	-	-	-	-	-	1,600,000
Consulting - Buildings (Category 0)	CBX01268	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,100,000
Corporate Accommodations	CB000047	500,000	500,000	515,000	515,000	530,000	530,000	545,000	545,000	560,000	560,000	6,650,000
Dartmouth Multi-Pad	CB000049	250,000	-	250,000	-	250,000	-	250,000	-	250,000	-	9,100,000
Dartmouth North Community Centre Upgrades	Build1	-	-	-	-	-	-	-	-	-	-	1,600,000
Dartmouth Sportsplex Revitalization	CB000006	-	-	-	-	-	-	-	-	-	-	16,400,000
Eastern Passage High School Enhancements	CB000007	-	-	-	-	-	-	-	-	-	-	650,000
Energy Efficiency Upgrades	CBX01161	-	-	-	-	-	-	-	-	-	-	1,500,000
Environmental Remediation/Building Demolition	CBX01162	410,000	410,000	425,000	425,000	435,000	435,000	450,000	450,000	465,000	465,000	4,185,000
Fire Station 2, University Ave Recapitalization	CB000052	-	-	-	-	-	-	-	-	-	-	1,780,000
Fire Station Replacements	CB000065	-	-	-	-	-	-	-	-	-	-	16,000,000
Halifax City Hall and Grand Parade Restoration	CBX01046	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,900,000
Halifax Forum Redevelopment	CBX01340	-	-	-	-	-	-	-	-	-	-	44,000,000
HRFE Future Buildings Recapitalization	CB000057	1,545,000	1,545,000	1,590,000	1,590,000	1,640,000	1,640,000	1,690,000	1,690,000	1,740,000	1,740,000	12,955,000
HRM Depot Upgrades	CBX01170	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,275,000
Lakeside Community Centre Recapitalization	Build7	1,000,000	1,000,000	10,000,000	10,000,000	-	-	-	-	-	-	12,000,000
Library Masterplan Implementation	Build3	-	-	-	-	-	-	-	-	-	-	55,000,000
Mechanical (Category 6)	CBX01269	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Metropark Upgrades	CBX01140	100,000	-	100,000	-	100,000	-	100,000	-	100,000	-	990,000
Multi District Facilities (MDF)-Upgrades (Bundle)	CB000002	1,030,000	1,030,000	1,060,000	1,060,000	1,090,000	1,090,000	1,125,000	1,125,000	1,160,000	1,160,000	8,965,000
Musquodoboit Library Refurbishment	CB000070	-	-	-	-	-	-	-	-	-	-	445,000
Needham Community Centre Recapitalization	Build8	-	-	-	-	-	-	-	-	-	-	23,000,000
Performing Arts Centre	Build4	-	-	-	-	-	-	-	-	-	-	5,000,000
Police Headquarters	CB000022	-	-	-	-	-	-	-	-	-	-	50,000,000
Power House Recapitalization	CB000032	-	-	-	-	-	-	-	-	-	-	330,000
Regional Heritage Museum	Build2	-	-	-	-	-	-	-	-	-	-	12,000,000
Regional Library Facility Upgrade	CBX01165	-	-	-	-	-	-	-	-	-	-	750,000
Regional Park Washrooms	CB000010	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,260,000
Roof (Category 3)	CBX01272	1,545,000	1,545,000	1,590,000	1,590,000	1,640,000	1,640,000	1,690,000	1,690,000	1,740,000	1,740,000	13,240,000
Sackville Sports Stadium	CB000060	-	-	-	-	-	-	-	-	-	-	1,000,000
Sambro/Harrietsfield Fire Station	Build5	-	-	-	-	-	-	-	-	-	-	4,000,000
Scotiabank Centre	CB000028	100,000	-	100,000	-	100,000	-	100,000	-	100,000	-	4,650,000
Sheet Harbour Rec Centre	Build6	-	-	-	-	-	-	-	-	-	-	2,515,000
Shubenacadie Greenway Trail	CDG00493	-	-	-	-	-	-	-	-	-	-	400,000
Site Work (Category 1)	CBX01271	335,000	335,000	345,000	345,000	355,000	355,000	365,000	365,000	375,000	375,000	3,125,000
St. Andrew's Community Centre	CB000011	-	-	-	-	-	-	-	-	-	-	6,100,000
St. Mary's Boat Club	CB000004	-	-	-	-	-	-	-	-	-	-	3,000,000
Stadium	CB000012	-	-	-	-	-	-	-	-	-	-	105,000,000
Structural (Category 4)	CBX01270	310,000	310,000	320,000	320,000	330,000	330,000	340,000	340,000	350,000	350,000	2,350,000
Buildings Total		12,773,000	11,573,000	22,041,000	20,841,000	12,315,000	11,115,000	12,605,000	11,405,000	12,900,000	11,700,000	480,381,500
Business Tools												
Accident Reporting Business Intelligence	CI000006	-	-	-	-	-	-	-	-	-	-	100,000
Application Recapitalization	CI000002	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	11,300,000
Business Intelligence (BI) Program	CI990001	275,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000	2,379,000
Corporate Vehicle Fuel Management	BT2	-	-	-	-	-	-	-	-	-	-	125,000
Corporate Epayment Solution	CI000008	-	-	-	-	-	-	-	-	-	-	50,000
Corporate Scheduling (formerly Rostering)	CI000015	-	-	-	-	-	-	-	-	-	-	1,670,000
Corporate Time Entry/Payroll Optimization (formerly HR Employee Self Serve/Manager Self Serve (ESS/MSS))	CI990032	-	-	-	-	-	-	-	-	-	-	1,700,000

Attachment 1B
2017/18 Proposed Capital Budget Years 6-10

Row Labels	Project #	2022 Gross	2022 Net	2023 Gross	2023 Net	2024 Gross	2024 Net	2025 Gross	2025 Net	2026 Gross	2026 Net	Total 10 year Gross
CRM Software Replacement	CI990020	-	-	-	-	-	-	-	-	-	-	250,000
Enterprise Asset Management (EAM)	CID00631	-	-	-	-	-	-	-	-	-	-	1,580,000
Enterprise Content Management Program	CI990018	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,950,000
HRFE Dispatch Project	CI990027	-	-	-	-	-	-	-	-	-	-	300,000
HRFE Fire Department Management (FDM) Review & Enhancements	CI990028	-	-	-	-	-	-	-	-	-	-	300,000
HRFE Mobility	BT3	-	-	-	-	-	-	-	-	-	-	555,000
HRP Records Management System Optimization (formerly HRP GO Data and Information Management)	CI990023	-	-	-	-	-	-	-	-	-	-	600,000
ICT Business Tools	CI990004	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,900,000
ICT Infrastructure Recapitalization	CI000004	950,000	950,000	950,000	950,000	950,000	950,000	950,000	950,000	950,000	950,000	8,605,000
IT Service Management	CI990002	-	-	-	-	-	-	-	-	-	-	460,000
LIDAR Data Acquisition	BT4	-	-	-	-	-	-	-	-	-	-	2,400,000
Parking Technology	CI990031	-	-	-	-	-	-	-	-	-	-	4,370,000
Permitting, Licensing, and Compliance Replacement Solution	CI990013	-	-	-	-	-	-	-	-	-	-	2,825,000
Recreation Services Software	CI000005	-	-	-	-	-	-	-	-	-	-	4,470,000
Revenue Management Solution	CI990009	-	-	-	-	-	-	-	-	-	-	3,270,000
SAP Optimization	CIN00200	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	6,500,000
Source Management	CI000016	-	-	-	-	-	-	-	-	-	-	350,000
Web Transformation Program	CI000001	250,000	250,000	-	-	-	-	-	-	-	-	1,250,000
Business Tools Total		4,225,000	4,225,000	3,975,000	3,975,000	3,975,000	3,975,000	3,975,000	3,975,000	3,975,000	3,975,000	62,259,000
District Capital Funds		1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	1,504,000	15,040,000
Equipment & Fleet												
Fire Apparatus Fleet Expansion	Fleet1	-	-	-	-	-	-	-	-	-	-	1,400,000
Fire Apparatus Replacement	CVJ01088	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	34,143,000
Fire Services Equipment Replacement	CE010001	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	11,900,000
Fire Services Water Supply	CE010002	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,400,000
Fleet Expansion	Fleet2	-	-	-	-	-	-	-	-	-	-	365,000
Fleet Vehicle Replacement	CVD01087	2,300,000	2,300,000	2,350,000	2,350,000	2,350,000	2,350,000	2,200,000	2,200,000	2,200,000	2,200,000	19,935,000
Ice Resurfacers Replacement	CVU01207	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,250,000
Police Fleet	CVK01090	1,950,000	1,950,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	16,650,000
Police Services Replacement Equipment	CE020001	-	-	-	-	-	-	-	-	-	-	1,785,000
Police Vehicle Equipment	CVK01207	-	-	-	-	-	-	-	-	-	-	600,000
Equipment & Fleet Total		8,725,000	8,725,000	8,825,000	8,825,000	8,825,000	8,825,000	8,675,000	8,675,000	8,675,000	8,675,000	89,428,000
Halifax Transit												
Access-A-Bus Expansion	CVD00429	260,000	260,000	265,000	265,000	275,000	275,000	280,000	280,000	290,000	290,000	2,575,000
Access-A-Bus Replacement	CVD00430	1,725,000	1,725,000	460,000	460,000	960,000	960,000	1,750,000	1,750,000	1,750,000	1,750,000	11,080,000
Biennial Ferry Refit	CVD00436	620,000	620,000	635,000	635,000	655,000	655,000	675,000	675,000	695,000	695,000	5,080,000
Burnside Transit Centre Roof Repairs	X002	-	-	-	-	-	-	-	-	-	-	1,500,000
Bus Maintenance Equipment Replacement	CM000005	310,000	310,000	320,000	320,000	330,000	330,000	340,000	340,000	350,000	350,000	3,450,000
Bus Rapid Transit Study	CM000015	-	-	-	-	-	-	-	-	-	-	200,000
Bus Stop Accessibility & Improvements	CBT00432	240,000	240,000	250,000	250,000	255,000	255,000	265,000	265,000	270,000	270,000	2,690,000
Commuter Rail - IMP	MT01	-	-	-	-	-	-	-	-	-	-	48,150,000
Conventional Bus Expansion	CV020003	3,550,000	3,550,000	3,620,000	3,620,000	3,690,000	3,690,000	3,765,000	3,765,000	3,765,000	3,765,000	46,427,449
Conventional Bus Replacement	CV020004	20,832,000	20,832,000	16,600,600	16,600,600	10,160,000	10,160,000	10,160,000	10,160,000	6,908,400	6,908,400	129,873,400
Electric Bus Pilot	CM000011	-	-	-	-	-	-	-	-	-	-	1,000,000
Ferry Replacement	CM000001	-	-	-	-	-	-	-	-	-	-	10,600,000
Ferry Terminal Generators	CM000013	-	-	-	-	-	-	-	-	-	-	600,000
Ferry Terminal Pontoon Rehabilitation	CBX01171	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,690,000
MetroX Expansion	CM000006	-	-	-	-	-	-	-	-	-	-	4,400,000
Mid-Life Rebuild	CVD00431	190,000	190,000	195,000	195,000	205,000	205,000	210,000	210,000	215,000	215,000	1,940,000
Mumford Terminal Replacement	CB000014	-	-	-	-	-	-	-	-	-	-	300,000
New Transit Technology	CM020005	-	-	-	-	-	-	-	-	-	-	16,480,000
New/Expanded Transit Centre	CB000017	-	-	-	-	-	-	-	-	-	-	33,000,000
Ragged Lake Transit Centre Paving Project	X008	-	-	-	-	-	-	-	-	-	-	100,000

Attachment 1B
2017/18 Proposed Capital Budget Years 6-10

Row Labels	Project #	2022 Gross	2022 Net	2023 Gross	2023 Net	2024 Gross	2024 Net	2025 Gross	2025 Net	2026 Gross	2026 Net	Total 10 year Gross
Transit Facility Implementation Plan	CB000016	1,500,000	1,500,000	-	-	-	-	-	-	-	-	16,750,000
Transit Priority Measures	CM000009	-	-	-	-	-	-	-	-	-	-	1,250,000
Transit Priority Measures Corridors Study	CM000014	-	-	-	-	-	-	-	-	-	-	250,000
Transit Security	CMU00982	310,000	310,000	320,000	320,000	330,000	330,000	340,000	340,000	350,000	350,000	6,450,000
Transit Support Vehicle Replacement	CV000004	240,000	240,000	245,000	245,000	330,000	330,000	60,000	60,000	60,000	60,000	1,355,000
West Bedford Park & Ride	CM000010	-	-	-	-	-	-	-	-	-	-	3,000,000
Wrights Cove Terminal	CR000007	-	-	-	-	-	-	-	-	-	-	2,000,000
Halifax Transit Total		30,027,000	30,027,000	23,160,600	23,160,600	17,440,000	17,440,000	18,095,000	18,095,000	14,903,400	14,903,400	353,190,849
Halifax Water (CWWF)												
Fall River Water Servicing	CWWF2	-	-	-	-	-	-	-	-	-	-	6,608,964
Herring Cove Servicing Phase 2B	CWWF1	-	-	-	-	-	-	-	-	-	-	7,844,305
Halifax Water (CWWF) Total												14,453,269
Parks & Playgrounds												
Baker Drive Parkland Development	CP3	-	-	-	-	-	-	-	-	-	-	1,000,000
Beazley Field	CP4	-	-	-	-	-	-	-	-	-	-	1,000,000
Cemetery Fence Restoration	CP000015	-	-	-	-	-	-	-	-	-	-	1,100,000
Cole Harbour All Weather Field Building	CP110002	-	-	-	-	-	-	-	-	-	-	300,000
Cornwallis Park Master Plan Implementation	CP000011	-	-	-	-	-	-	-	-	-	-	1,100,000
Cultural Spaces	CD990003	-	-	-	-	-	-	-	-	-	-	500,000
Fort Needham Master Plan Implementation	CP000012	-	-	-	-	-	-	-	-	-	-	3,000,000
Halifax Common Upgrades	CP000013	-	-	-	-	-	-	-	-	-	-	6,750,000
North Common Restoration	CP2	-	-	-	-	-	-	-	-	-	-	500,000
Park Land Acquisition	CPX01149	500,000	-	500,000	-	500,000	-	500,000	-	500,000	-	16,000,000
Park Recapitalization	CP000002	2,000,000	2,000,000	2,060,000	2,060,000	2,120,000	2,120,000	2,185,000	2,185,000	2,250,000	2,250,000	20,565,000
Point Pleasant Park Upgrades	CP000006	-	-	-	-	-	-	-	-	-	-	1,850,000
Public Gardens Upgrades	CPX01193	1,000,000	1,000,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	2,865,000
Regional Water Access/ Beach Upgrades	CPX01331	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	3,900,000
Sports Fields/Courts - State of Good Repair	CP000003	1,850,000	1,850,000	1,850,000	1,850,000	2,850,000	2,850,000	1,850,000	1,850,000	3,000,000	3,000,000	20,650,000
Sports/Ball Fields/Courts - New	CP000004	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	600,000
Western Common Master Plan Implementation	CP000014	-	-	-	-	-	-	-	-	-	-	200,000
Parks & Playgrounds Total		5,500,000	5,000,000	4,610,000	4,110,000	5,670,000	5,170,000	4,735,000	4,235,000	5,950,000	5,450,000	81,880,000
Roads & Active Transportation												
Active Transportation - Strategic Projects	CTU00420	8,500,000	8,500,000	8,500,000	8,500,000	8,500,000	8,500,000	8,500,000	8,500,000	8,500,000	8,500,000	72,700,000
Bridges	CRU01077	3,605,000	3,605,000	3,715,000	3,715,000	3,825,000	3,825,000	3,940,000	3,940,000	4,055,000	4,055,000	31,640,000
MacDonald Bridge Bikeway Connection	CT000010	-	-	-	-	-	-	-	-	-	-	7,000,000
New Paving Streets - HRM Owned Roads	CR000002	500,000	335,000	500,000	335,000	500,000	335,000	500,000	335,000	500,000	335,000	4,500,000
New Paving Subdivision Streets - Provincial	CR990001	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	6,240,000
Other Road Related Works	CRU01079	3,090,000	3,090,000	3,180,000	3,180,000	3,280,000	3,280,000	3,375,000	3,375,000	3,475,000	3,475,000	29,150,000
Road Operations and Construction - State of Good Repair	CR990002	4,120,000	4,120,000	4,245,000	4,245,000	4,370,000	4,370,000	4,500,000	4,500,000	4,635,000	4,635,000	41,470,000
Sidewalk Renewals	CKU01084	4,120,000	4,120,000	4,245,000	4,245,000	4,370,000	4,370,000	4,500,000	4,500,000	4,635,000	4,635,000	39,370,000
Street Recapitalization	CR000005	30,000,000	30,000,000	30,900,000	30,900,000	31,825,000	31,825,000	32,780,000	32,780,000	33,765,000	33,765,000	285,270,000
Roads & Active Transportation Total		54,435,000	54,270,000	55,785,000	55,620,000	57,170,000	57,005,000	58,595,000	58,430,000	60,065,000	59,900,000	517,340,000
Solid Waste												
Composting/Anaerobic Digestion (AD) Plant	CW000004	-	-	-	-	-	-	-	-	-	-	500,000
Environment Monitoring Site Work 101 Landfill	CWU01353	100,000	-	100,000	-	100,000	-	100,000	-	100,000	-	1,000,000
Green Carts for New Residents/Replacement Greencarts	CW000001	735,000	-	735,000	-	735,000	-	735,000	-	735,000	-	7,350,000
Half Closure Cell 6 - Otter Lake	CWU01358	-	-	-	-	-	-	-	-	-	-	7,500,000
Leachate Evaporator	SW1	-	-	-	-	-	-	-	-	-	-	2,500,000
Materials Recovery Facility Purchase	SW3	-	-	-	-	-	-	-	-	-	-	750,000
Materials Recovery Facility Repairs	CW000007	-	-	-	-	-	-	-	-	-	-	185,000
Miller Composting Purchase	SW2	-	-	-	-	-	-	-	-	-	-	2,100,000
New Era Recapitalization	CW000009	-	-	-	-	-	-	-	-	-	-	500,000
Rural Depot	CW000003	-	-	-	-	350,000	-	-	-	-	-	810,000
Solid Waste Total		835,000	-	835,000	-	1,185,000	-	835,000	-	835,000	-	23,195,000
Traffic Improvements												

Attachment 18
2017/18 Proposed Capital Budget Years 6-10

Row Labels	Project #	2022 Gross	2022 Net	2023 Gross	2023 Net	2024 Gross	2024 Net	2025 Gross	2025 Net	2026 Gross	2026 Net	Total 10 year Gross
Bedford West Road Oversizing	CTU01006	8,000,000	3,200,000	-	-	1,200,000	1,080,000	-	-	-	-	16,650,000
Burnside Connection to Highway 107	TI2	-	-	-	-	-	-	-	-	-	-	11,900,000
Cogswell Interchange Redevelopment	CT000007	-	-	-	-	-	-	-	-	-	-	58,000,000
Controller Cabinet and Detection Program	CT000004	560,000	560,000	570,000	570,000	585,000	585,000	605,000	605,000	620,000	620,000	6,600,000
Destination Signage Program	CTR00904	100,000	100,000	-	-	-	-	-	-	-	-	500,000
Downtown Streetscapes - Future Projects	CD000001	-	-	-	-	-	-	-	-	-	-	9,000,000
Herring Cove Road Widening	CTX01116	-	-	4,500,000	4,500,000	-	-	-	-	-	-	4,500,000
Integrated Mobility Master Plan	TI4	-	-	-	-	-	-	-	-	-	-	77,000,000
Intersection Improvement Program	CTU01086	2,700,000	2,700,000	2,780,000	2,780,000	2,865,000	2,865,000	2,950,000	2,950,000	3,040,000	3,040,000	21,125,000
LED Conversion of HRM Streetlights	CT000005	-	-	-	-	-	-	-	-	-	-	4,465,000
MacLennan Drive - IMP	CTU01365	-	-	-	-	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	15,830,000
Margeson Drive - IMP	CTU01287	-	-	-	-	-	-	-	-	-	-	3,100,000
Opticom Signalization System	CEJ01220	80,000	-	80,000	-	80,000	-	80,000	-	80,000	-	800,000
Road Corridor Land Acquisition	CTU00897	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Ross Road Realignment	CT000012	-	-	-	-	-	-	-	-	-	-	600,000
Shearwater Connector - IMP	TI6	-	-	-	-	-	-	-	-	-	-	14,500,000
Street Lighting	CRU00792	-	-	-	-	-	-	-	-	-	-	725,000
Streetscaping in Center Hubs and Corridors	CDV00734	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,250,000
Traffic Signal Installation	CTU01085	770,000	770,000	795,000	795,000	820,000	820,000	845,000	845,000	870,000	870,000	6,930,000
Traffic Signal Rehabilitation	CTU00419	-	-	-	-	-	-	-	-	-	-	7,530,000
Traffic Signal Re-lamping Program	CT000002	-	-	570,000	570,000	570,000	570,000	570,000	570,000	570,000	570,000	3,310,000
Traffic Improvements Total		13,310,000	8,430,000	10,395,000	10,315,000	11,220,000	11,020,000	10,150,000	10,070,000	10,280,000	10,200,000	271,315,000
Grand Total		131,334,000	123,754,000	131,130,600	128,350,600	119,304,000	116,054,000	119,169,000	116,389,000	119,087,400	116,307,400	1,908,482,618

Attachment #1C
Proposed 2017/18 and 2018/19 Reserve Withdrawals

Reserve	2017 Funding	2018 Funding
Reserve Q506 - Landfill Closure & Post Closure Cost Reserve	7,600,000	100,000
Environment Monitoring Site Work 101 Landfill	100,000	100,000
Half Closure Cell 6 - Otter Lake	7,500,000	
Reserve Q526 - Capital Fund Reserve	970,000	3,000,000
Energy Efficiency Upgrades	-	500,000
Environmental Remediation/Building Demolition	400,000	400,000
Parking Technology	470,000	2,000,000
Road Corridor Land Acquisition	100,000	100,000
Reserve Q531 - Fleet Vehicles & Equipment Reserve	575,000	80,000
Fire Apparatus Replacement	165,000	-
Fleet Vehicle Replacement	165,000	-
Opticom Signalization System	80,000	80,000
Police Fleet	165,000	-
Reserve Q541 - Building Recapitalization and Replacement Reserve	90,000	600,000
Alderney Gate Recapitalization(Bundle)	-	500,000
Metropark Upgrades	90,000	100,000
Reserve Q546 - Multi-District Facilities Reserve	667,500	3,100,000
BMO Centre	467,500	250,000
Scotiabank Centre	200,000	2,850,000
Reserve Q551 - Transit Capital Reserve	2,400,000	-
Ferry Replacement	2,400,000	-
Reserve Q556 - Solid Waste Facilities Reserve	3,960,000	4,135,000
Composting/Anaerobic Digestion (AD) Plant	250,000	250,000
Green Carts for New Residents/Replacement Greencarts	735,000	735,000
Leachate Evaporator	2,500,000	-
Materials Recovery Facility Purchase	-	750,000
Materials Recovery Facility Repairs	85,000	50,000
Miller Composting Purchase	-	2,100,000
New Era Recapitalization	250,000	250,000
Rural Depot	140,000	-
Reserve Q606 - Strategic Capital Reserve	34,400,000	27,100,000
Cogswell Interchange Redevelopment	15,000,000	23,000,000
Dartmouth Multi-Pad	7,000,000	100,000
Dartmouth Sportsplex Revitalization	12,400,000	4,000,000
Halifax Forum Redevelopment	-	-
Downtown Streetscapes - Future Projects	-	-
Downtown Streetscapes - Argyle/Grafton	-	-
Reserve Q611 - Parkland Development Reserve	3,100,000	500,000
Park Land Acquisition	2,100,000	500,000
Baker Drive Parkland Development	1,000,000	-
Reserve Q626 - Gas Tax Reserve	25,300,000	26,200,000
Reserve Q621 - Community / Events Reserve	-	250,000
Cultural Spaces	-	250,000
Grand Total	79,062,500	65,065,000

Attachment #2
2017/18 Advanced Capital Budgets for Tendering

Budget Category	Project Name	Project #	Proposed 2017 Gross	2017 Advanced Tendering Request
Buildings	Cole Harbour Place	CB000045	300,000	300,000
	Dartmouth North Community Centre Upgrades	Build1	1,000,000	1,000,000
	Fire Station 2, University Ave Recapitalization	CB000052	780,000	780,000
	Fire Station Replacements	CB000065	2,000,000	2,000,000
	Halifax City Hall and Grand Parade Restoration	CBX01046	900,000	800,000
	HRM Depot Upgrades	CBX01170	875,000	500,000
	Multi District Facilities (MDF)-Upgrades (Bundle)	CB000002	500,000	250,000
	Power House Recapitalization	CB000032	330,000	330,000
	Shubenacadie Greenway Trail	CDG00493	400,000	400,000
Buildings Total			7,085,000	6,360,000
Equipment & Fleet	Fire Apparatus Fleet Expansion	Fleet1	1,400,000	1,400,000
	Fleet Vehicle Replacement	CVD01087	1,585,000	1,400,000
Equipment & Fleet Total			2,985,000	2,800,000
Halifax Transit	Bus Rapid Transit Study	CM000015	200,000	200,000
	Bus Stop Accessibility & Improvements	CBT00432	470,000	470,000
	Conventional Bus Expansion	CV020003	5,946,330	5,746,000
	Electric Bus Pilot	CM000011	1,000,000	500,000
	Ferry Replacement	CM000001	10,600,000	10,600,000
	Ferry Terminal Generators	CM000013	600,000	600,000
	Mumford Terminal Replacement	CB000014	300,000	300,000
	Transit Priority Measures Corridors Study	CM000014	250,000	250,000
	Transit Security	CMU00982	3,900,000	3,900,000
Halifax Transit Total			23,266,330	22,566,000
Parks & Playgrounds	Beazley Field	CP4	500,000	500,000
	Cole Harbour All Weather Field Building	CP110002	300,000	300,000
	Fort Needham Master Plan Implementation	CP000012	1,500,000	1,500,000
	Halifax Common Upgrades	CP000013	1,250,000	1,000,000
	Public Gardens Upgrades	CPX01193	815,000	600,000
	Regional Water Access/ Beach Upgrades	CPX01331	800,000	450,000
	Sports Fields/Courts - State of Good Repair	CP000003	1,250,000	900,000
	Western Common Master Plan Implementation	CP000014	50,000	50,000
	Park Recapitalization	CP000002	2,450,000	1,500,000
Parks & Playgrounds Total			8,915,000	6,800,000
Roads & Active Transportation	Active Transportation - Strategic Projects	CTU00420	4,100,000	2,600,000
	Other Road Related Works	CRU01079	1,500,000	1,500,000
	Road Operations and Construction - State of Good Repair	CR990002	3,600,000	1,750,000
	Sidewalk Renewals	CKU01084	3,000,000	1,100,000
	Street Recapitalization	CR000005	21,000,000	18,000,000
Roads & Active Transportation Total			33,200,000	24,950,000
Traffic Improvements	Traffic Signal Rehabilitation	CTU00419	1,500,000	750,000
Traffic Improvements Total			1,500,000	750,000
Grand Total			76,951,330	64,226,000

Attachment #3
2017/18 List of Multi-Year Projects

Budget Category	Project Name	Project #	2016 Gross	2017 Gross	2018 Gross	2019 Gross	2020 Gross	2021 Gross	Grand Total
Buildings	Cole Harbour Place	CB000045	1,375,000	300,000	1,300,000	-	-	-	2,975,000
	Dartmouth Multi-Pad	CB000049	34,000,000	7,000,000	-	-	-	-	41,000,000
	Dartmouth Sportsplex Revitalization	CB000006	4,400,000	12,400,000	4,000,000	-	-	-	20,800,000
	Sambro/Harrietsfield Fire Station	Build5	-	2,500,000	1,500,000	-	-	-	4,000,000
	St. Andrew's Community Centre	CB000011	-	1,600,000	3,000,000	1,500,000	-	-	6,100,000
Business Tools	Accident Reporting Business Intelligence	CI000006	100,000	100,000	-	-	-	-	200,000
	Coporate Vehicle Fuel Management	BT2	-	125,000	-	-	-	-	125,000
	Corporate Epayment Solution	CI000008	125,000	50,000	-	-	-	-	175,000
	Corporate Scheduling (formerly Rostering)	CI000015	150,000	750,000	370,000	550,000	-	-	1,820,000
	Corporate Time Entry/Payroll Optimization (formerly HR Employee Self Serve/Manager Self Serve (ESS/MSS))	CI990032	-	-	425,000	1,275,000	-	-	1,700,000
	CRM Software Replacement	CI990020	-	250,000	-	-	-	-	250,000
	Enterprise Asset Management (EAM)	CID00631	2,700,000	1,580,000	-	-	-	-	4,280,000
	Enterprise Content Management Program	CI990018	-	150,000	150,000	150,000	500,000	500,000	1,450,000
	Parking Technology	CI990031	-	470,000	2,000,000	1,500,000	400,000	-	4,370,000
	Permitting, Licensing, and Compliance Replacement Solution	CI990013	400,000	457,000	1,775,000	593,000	-	-	3,225,000
	Recreation Services Software	CI000005	900,000	1,645,000	1,070,000	1,755,000	-	-	5,370,000
	Revenue Management Solution	CI990009	250,000	500,000	1,270,000	1,500,000	-	-	3,520,000
	Source Management	CI000016	100,000	350,000	-	-	-	-	450,000
Equipment & Fleet	Fire Apparatus Replacement	CVJ01088	-	1,803,000	2,490,000	-	-	-	4,293,000
Halifax Transit	New Transit Technology	CM020005	5,700,000	700,000	8,480,000	7,300,000	-	-	22,180,000
Traffic Improvements	Cogswell Interchange Redevelopment	CT000007	3,000,000	15,000,000	23,000,000	20,000,000	-	-	61,000,000
Grand Total			53,200,000	47,730,000	50,830,000	36,123,000	900,000	500,000	189,283,000

This list supercedes the list Schedule 1, item #3 March 8, 2016