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REVISED Dec 2/15
(Schedule B only)

Item No. 3

**Committee of the Whole
December 2, 2015**

TO: Mayor Savage and Members of Halifax Regional Council

SUBMITTED BY: Original Signed
Richard Butts, Chief Administrative Officer
Original signed
Mike Labrecque, Deputy Chief Administrative Officer

DATE: November 23, 2015

SUBJECT: Proposed Five Year Capital Program Budget (2016-17 to 2020-21)

ORIGIN

At the October 22, 2015 Committee of the Whole, Council directed staff to present the 2016-2017 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 five year capital plan including the preliminary 2016-17 capital budget, and schedule of reserves withdrawals, as presented to Committee of the Whole and as per Attachment A.
2. Approve the list of 2016-17 advanced capital funding as per Attachment B.
3. Approve the list of multi-year projects as per Attachment C.

BACKGROUND

As part of the design of the 2016-17 Budget and Business Plan development process, the Committee of the Whole is reviewing each Business Unit's operating budget, as well as the capital program budget in advance of detailed HRM Budget and Business Plan approval.

At the November 24, 2015, Committee of the Whole, Regional Council considered and confirmed their Priority Outcomes and directed staff to develop the 2016-17 Budget and Business Plans in support of those priorities.

As part of the 2015-16 Capital Budget process, staff made a number of changes to projects that were funded from the Capital Program Budget. As a result of this review, some projects were identified to be operating in nature and are no longer considered in the capital budget. Examples include: studies not related to capital work, funding for operating and maintenance projects, and projects under the tangible capital asset threshold.

The capital budget funding request for a specific year is now 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.

DISCUSSION

As part of the 2016-17 capital program budget preparation, staff has 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. The majority (71.5%) of the capital budget is directed toward projects that maintain the assets that we already own – state of good repair.

This year's gross capital budget is \$186.2 million and the net budget is \$97.3 million. When projects that are under construction in the current fiscal year, and are expected to be completed in 2016-17 are included, the total amount of capital spending for 2016-17 is \$219.0 million.

The 2016-17 gross capital budget has increased by \$50.4 million (or 37%). The major increase is related to the Dartmouth 4 Pad project beginning construction (\$34.0 million), an increase in street recapitalization (\$5 million), and an increase in conventional bus replacements (\$8.4 million).

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 2016-17 and compares it to the investment in 2015-16.

Type	2016-17 Gross Budget	% of total	2015-16 Gross Budget	% of total
State of Good Repair (SOGR)	\$133.1 M	71.5%	\$93.2 M	68.6%
Service Improvements	\$ 50.9 M	27.3%	\$35.3 M	26.0%
Growth	\$2.1 M	1.2%	\$ 7.3 M	5.4%
Total	\$186.2 M		\$135.8 M	

Attachment A lists the five year capital program in detail. The projects are categorized by asset type as an example; buildings, parks and playgrounds, equipment and fleet, 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, LED Streetlight Technology projects.

Attachment A also includes the Reserve Withdrawal Schedule, reserves are used to fund specific projects as directed by Regional Council or for pay as you go projects. It should be noted that some of the reserves (primarily Sale of Land and Strategic Capital Reserves) have a negative balance, this is the result of timing differences in the sale of assets that have been dedicated to these reserves. The cash flow that was presented with the Strategic Capital Project Plan shows the reserve coming into a positive balance once all transactions have been completed.

Attachment B 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. 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. The other advantage of advanced capital funding is that it often results in competitive pricing because contractors are looking to secure contracts for the upcoming construction season. The attached list of projects requiring Advance Funding is in addition to the Advance Funding for Multi-Year Discrete projects approved by Regional Council on April 28, 2015 (Item 14.3, Schedule 1) in the amount of \$107.7M.

Attachment C lists the projects that span multiple years; however, because of the time it will take to construct the project, it will not be completed in the 2016-17 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 is 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 2016-17. The lifecycle operating and maintenance costs, and possible revenues, related to new capital assets being completed or delivered in 2016-17 will be incorporated in the business unit operating budgets.

Approval of the Advanced Capital Funding request outlined in Attachment B will result in work being able to be awarded and begun in 2015-16.

Multi-year projects listed in Attachment C, labeled as "2015 Project Start", were approved in the 2015-16 budget, however, updated total spending and annual cash flow estimates are included for approval. Multi-year projects with a "2016 Project Start" are included for recommended total project approval and estimated annual cash flow spending. Although actual cash flow on these projects may be different from the annual estimates, the total project budget will be managed within the appropriate approvals.

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 2015 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

- A. 2016-17 to 2020-21 Capital Budget Project List
- B. 2016-17 Advanced Capital Funding Project List
- C. 2016-17 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

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Report Approved by:

Jane Fraser, Director of Operations Support, 902.490.7166

Row Labels	Project #	2016 Gross	Net	2017 Gross	Net	2018 Gross	Net	2019 Gross	Net	2020 Gross	Net
Buildings											
Accessibility - HRM Facilities	CBX01154	100,000	100,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Alderney Gate Recapitalization(Bundle)	CBX01157	210,000	-	500,000	-	500,000	-	500,000	-	500,000	-
Bedford Outdoor Pool	CB000067	100,000	100,000								
BMO Centre	CB000064	80,000	-								
Building Recap Future Years - Parks & Recreation	CB000048	700,000	700,000	2,000,000	2,000,000	2,515,000	2,515,000	2,600,000	2,600,000	2,600,000	2,600,000
Captain William Spry Renovations	CB000023	750,000	750,000	250,000	250,000						
Cole Harbour Place	CB000045	1,375,000	1,375,000	1,375,000	1,375,000						
Commons Pool & Pavilion	CB000024	70,000	70,000	100,000	100,000						
Consulting - Buildings (Category 0)	CBX01268	-	-	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Corporate Accommodations	CB000047	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000		
Dartmouth Multi-Pad	CB000049	34,000,000	-	7,000,000	-						
Dartmouth North Community Centre	CB000068	225,000	225,000								
Dartmouth Sportsplex Revitalization	CB000006	4,400,000	-	13,120,000	-	3,280,000	-				
Eastern Passage High School Enhancements	CB000007			650,000	650,000						
Energy Efficiency Projects	CBX01161	300,000	-	500,000	-	500,000	-	500,000	-	500,000	-
Environmental Remediation/Building Demolition	CBX01162	200,000	-	400,000	-	500,000	100,000	500,000	100,000	500,000	100,000
Eric Spicer Energy Upgrades	CB000069	500,000	-								
Fire Station Land Acquisition	CBX01102	1,000,000	-								
Fire Station Replacements	CB000065			2,000,000	2,000,000	8,000,000	8,000,000	4,000,000	4,000,000		
Halifax City Hall and Grand Parade Restoration	CBX01046	1,750,000	1,750,000	250,000	250,000	250,000	250,000	500,000	500,000	500,000	500,000
HRFE Future Buildings Recapitalization	CB000057			1,250,000	1,250,000	1,250,000	1,250,000	1,500,000	1,500,000	500,000	500,000
HRM Depot Upgrades	CBX01170	-	-	750,000	750,000	400,000	400,000				
Mechanical (Category 6)	CBX01269	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Metropark Upgrades	CBX01140	90,000	-	90,000	-	100,000	-	100,000	-	100,000	-
Multi District Facilities-Upgrades (Bundle)	CB000002	-	-	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Musquodoboit Library Refurbishment	CB000070					195,000	195,000			250,000	250,000
Regional Park Washrooms	CB000010	60,000	60,000	1,250,000	1,250,000						
Roof (Category 3)	CBX01272	245,000	245,000	2,600,000	2,600,000	2,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Scotiabank Centre	CB000028	3,620,000	-	1,470,000	-	850,000	-				
Site Work (Category 1)	CBX01271	85,000	85,000	250,000	250,000	300,000	300,000	300,000	300,000	325,000	325,000
St. Andrew's Community Centre Renovation	CB000011	-	-	1,000,000	1,000,000	3,100,000	3,100,000	2,000,000	2,000,000		
Structural (Category 4)	CBX01270	-	-	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Buildings Total		50,960,000	6,560,000	39,005,000	15,925,000	25,940,000	20,310,000	15,700,000	14,200,000	7,975,000	6,475,000
Business Tools											
Accident Reporting BI and RMV	C1000006	100,000	100,000	285,000	285,000						
Application Recapitalization	C1000002	1,200,000	1,200,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Automated Vehicle Location (AVL)	C1D01292			200,000	200,000	1,000,000	1,000,000				
Business Intelligence (BI) Program	C1990001			390,000	390,000	500,000	500,000				
Corporate Epayment Solution	C1000008	125,000	125,000	100,000	100,000						
Council Chambers Technology Upgrade	C1990019	290,000	290,000								
Enterprise Asset Management	C1D00631	2,700,000	2,700,000	1,580,000	1,580,000						
Health and Safety Incident Reporting	C1990010	675,000	675,000								
HR ESS/MSS	C1990032	-	-	670,000	670,000	520,000	520,000				
HRFE Dispatch Project	C1990027	235,000	235,000								
HRFE FDM Review & Enhancements	C1990028	-	-	300,000	300,000	405,000	405,000				
ICT Business Tools	C1990004	500,000	500,000	600,000	600,000	500,000	500,000	500,000	500,000	500,000	500,000
ICT Infrastructure Recapitalization	C1000004	850,000	850,000	950,000	950,000	950,000	950,000	950,000	950,000	950,000	950,000
Internet Program	C1000001	800,000	800,000								
IT Service Management System	C1990002			130,000	130,000	135,000	135,000				
Parking Technology Initiative - PTMS	C1990031			515,000	515,000	900,000	900,000				
Permitting, Licensing, and Compliance Replacement Solution	C1990013	400,000	400,000	1,210,000	1,210,000	1,615,000	1,615,000				
Personnel Accountability Management Review	C1000012	100,000	100,000								
Public Wifi	C1000013	945,000	945,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000
Recreation Services Software	C1000005	900,000	900,000	1,645,000	1,645,000	1,205,000	1,205,000	1,520,000	1,520,000		
Revenue Management Solution	C1990009	250,000	250,000	1,940,000	1,940,000	1,350,000	1,350,000	1,150,000	1,150,000		
RMS Optimization	C1000014	100,000	100,000	1,200,000	1,200,000	215,000	215,000				
Rostering	C1000015	150,000	150,000	1,000,000	1,000,000	170,000	170,000				
Source Management	C1000016	100,000	100,000	415,000	415,000						

2016/17 Proposed Capital Budget and 5 Year Plan

Row Labels	Project #	2016 Gross	Net	2017 Gross	Net	2018 Gross	Net	2019 Gross	Net	2020 Gross	Net
Business Tools Total		10,420,000	10,420,000	15,155,000	15,155,000	11,490,000	11,490,000	6,145,000	6,145,000	3,475,000	3,475,000
District Activity Funds											
District 1 Project Funds	CCV01801	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 2 Project Funds	CCV01802	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 3 Project Funds	CCV01803	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 4 Project Funds	CCV01804	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 5 Project Funds	CCV01805	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 6 Project Funds	CCV01806	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 7 Project Funds	CCV01807	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 8 Project Funds	CCV01808	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 9 Project Funds	CCV01809	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 10 Project Funds	CCV01810	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 11 Project Funds	CCV01811	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 12 Project Funds	CCV01812	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 13 Project Funds	CCV01813	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 14 Project Funds	CCV01814	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 15 Project Funds	CCV01815	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District 16 Project Funds	CCV01816	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000
District Activity Funds Total		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 Replacement	CVJ01088	-	-	3,665,000	3,665,000	2,500,000	2,500,000	3,000,000	3,000,000	3,000,000	3,000,000
Fire Services Equipment Replacement	CE010001	850,000	850,000	850,000	850,000	850,000	850,000	850,000	850,000	850,000	850,000
Fire Services Water Supply	CE010002	-	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Fleet Vehicle Replacement	CVD01087	1,700,000	-	1,700,000	1,700,000	1,500,000	1,500,000	1,500,000	1,500,000	1,200,000	1,200,000
Ice Resurfacers Replacement	CVU01207	-	-	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
Opticom Signalization System	CEJ01220	80,000	-	80,000	-	80,000	-	80,000	-	80,000	-
Police Fleet	CVK01090	1,200,000	825,000	1,200,000	1,200,000	1,200,000	1,200,000	1,300,000	1,300,000	1,100,000	1,100,000
Police Services Replacement Equipment	CE020001	460,000	-	415,000	415,000	530,000	530,000	420,000	420,000	420,000	420,000
Police Vehicle Equipment	CVK01207	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Equipment & Fleet Total		4,490,000	1,875,000	8,385,000	8,305,000	7,135,000	7,055,000	7,625,000	7,545,000	7,125,000	7,045,000
Halifax Transit											
Access-A-Bus Expansion	CVD00429			240,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000
Access-A-Bus Replacement	CVD00430	730,000	730,000	1,365,000	1,365,000	210,000	210,000	630,000	630,000	630,000	630,000
Biennial Ferry Refit	CVD00436	450,000	450,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000
Bus Maintenance Equipment Replacement	CM000005	600,000	600,000								
Bus Stop Accessibility	CBT00432	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
Conventional Bus Expansion	CV020003			4,280,000	4,280,000	3,815,000	3,815,000	3,340,000	3,340,000	3,340,000	3,340,000
Conventional Bus Replacement	CV020004	12,545,000	7,545,000	2,475,000	2,475,000	1,010,000	1,010,000	16,740,000	16,740,000	1,000,000	1,000,000
Ferry Replacement	CM000001					1,200,000	-	4,800,000	-		
Ferry Terminal Pontoon Rehabilitation	CBX01171	735,000	735,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
MetroX Bus Replacement	CM020002	4,725,000	2,725,000								
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							500,000	500,000		
New Transit Technology	CM020005	5,700,000	3,815,000	16,115,000	16,115,000						
New/Expanded Transit Centre	CB000017			10,235,000	10,235,000	20,265,000	20,265,000				
Penhorn Terminal Upgrade	CM000007									1,500,000	1,500,000
Replacement Transit Technology	CMU01203					210,000	210,000	210,000	210,000	210,000	210,000
Scotia Square Facility FFE	CM000008	150,000	150,000								
Shelters Replacement/Expansion	CBT00437	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
Transit Priority Measures	CM000009	200,000	200,000								
Transit Security	CMU00982	-	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Transit Support Vehicle Replacement	CV000004	140,000	140,000	145,000	145,000	40,000	40,000	130,000	130,000	130,000	130,000
Transit Technical System Expansion	CIU00875					140,000	140,000	140,000	140,000	140,000	140,000
Wrights Cove Terminal	CR000007			650,000	650,000	1,350,000	1,350,000				
Halifax Transit Total		26,395,000	17,510,000	37,075,000	37,075,000	30,050,000	28,850,000	32,700,000	27,900,000	8,760,000	8,760,000
Parks & Playgrounds											
Camp Hill Cemetery Fence	CP000015			250,000	250,000	250,000	250,000				
Cole Harbour Turf	CP110002	3,800,000	1,100,000								

2016/17 Proposed Capital Budget and 5 Year Plan

Row Labels	Project #	2016 Gross	Net	2017 Gross	Net	2018 Gross	Net	2019 Gross	Net	2020 Gross	Net
Cornwallis Park Master Plan Implementation Phase 1	CP000011	350,000	350,000								
Cultural Spaces	CD990003	250,000	-								
Fort Needham Master Plan Implementation	CP000012	2,200,000	2,200,000	3,000,000	3,000,000						
Halifax Common Master Plan & Implementation	CP000013	-	-	2,000,000	2,000,000	5,000,000	5,000,000				
Park Land Acquisition	CPX01149	-	-	500,000	-	500,000	-	500,000	-	500,000	-
Park Upgrades	CP000002	2,440,000	2,440,000	2,350,000	2,350,000	350,000	350,000	350,000	350,000	350,000	350,000
Point Pleasant Park Master Plan Implementation	CP000006			1,400,000	1,400,000						
Point Pleasant Park Stone Wall Restoration	CP000009			250,000	250,000	250,000	250,000	250,000	250,000		
Public Gardens Upgrades	CPX01193			50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Regional Water Access/ Beach Upgrades	CPX01331	275,000	275,000	1,255,000	1,255,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Sports Fields/Courts - State of Good Repair	CP000003	230,000	230,000	1,255,000	1,255,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Sports/Ball Fields/Courts - New	CP000004	1,500,000	1,035,000	2,510,000	2,510,000	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				
Parks & Playgrounds Total		11,095,000	7,680,000	14,870,000	14,370,000	9,500,000	9,000,000	4,200,000	3,700,000	3,950,000	3,450,000
Roads & Active Transportation											
Active Transportation - Strategic Projects	CTU00420	5,100,000	5,100,000	6,850,000	6,850,000	7,850,000	7,850,000	8,850,000	8,850,000	8,850,000	8,850,000
Bridges	CRU01077	2,300,000	2,300,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,500,000	3,500,000
New Paving Streets - HRM Owned Roads	CR000002	-	-	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
New Paving Subdivision St's Provincial	CR990001	2,500,000	-	500,000	-	500,000	-	500,000	-	500,000	-
Other Road Related Works	CRU01079	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000	3,000,000	3,000,000	3,000,000
Road Operations and Construction - State of Good Repair	CR990002	2,500,000	2,500,000	3,000,000	3,000,000	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	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,750,000	3,750,000
Street Recapitalization	CR000005	30,100,000	29,900,000	30,000,000	30,000,000	30,000,000	30,000,000	32,000,000	32,000,000	33,000,000	33,000,000
Roads & Active Transportation Total		48,000,000	45,300,000	49,850,000	49,350,000	51,850,000	51,350,000	55,350,000	54,850,000	57,100,000	56,600,000
Solid Waste											
Additional Green Carts for New Residents	CW000001	500,000	-	735,000	-	735,000	-	735,000	-	735,000	-
Composting/AD Plant	CW000004	500,000	500,000	24,500,000	21,000,000	10,000,000	10,000,000				
Environment Monitoring Site Work 101 Landfill	CWU01353	355,000	-	100,000	-						
Half Closure Cell 6 - Otter Lake	CWU01358	3,800,000	-								
Materials Recovery Facility Repairs	CW000007	160,000	160,000	85,000	85,000						
Otter Lake Equipment	CW000002	1,800,000	-	1,600,000	-	1,850,000	-	2,750,000	-	3,250,000	-
Refuse Trailer Rural Depot	CW000003									320,000	-
Solid Waste Total		7,115,000	660,000	27,020,000	21,085,000	12,585,000	10,000,000	3,485,000	-	4,305,000	-
Traffic Improvements											
Cogswell Interchange Redevelopment	CT000007	3,000,000	-	15,000,000	-	23,000,000	-	20,000,000	-		
Controller Cabinet and Detection Program	CT000004	500,000	500,000	510,000	510,000	520,000	520,000	530,000	530,000	530,000	530,000
Destination Signage Program	CTR00904	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000		
Downtown Streetscapes - Capital Improvement Campaign	CD000002	10,200,000	-	3,400,000	-	3,400,000	-	3,500,000	-	3,500,000	-
Herring Cove Road Widening	CTX01116	300,000	300,000								
Intersection Improvement Program	CTU01086	1,365,000	1,365,000	2,700,000	2,700,000	2,900,000	2,900,000	2,900,000	2,900,000	3,000,000	3,000,000
LED Conversion of HRM Streetlights	CT000005	7,125,000	-	7,125,000	-	7,125,000	-	930,000	-		
MacLennan Drive	CTU01365	200,000	200,000					1,850,000	1,850,000	1,850,000	1,850,000
Margeson Drive	CTU01287			3,100,000	3,100,000						
Road Corridor Land Acquisition	CTU00897	100,000	-	100,000	-	100,000	-	100,000	-	100,000	-
Street Lighting	CRU00792	220,000	220,000	225,000	225,000	230,000	230,000	235,000	235,000	235,000	235,000
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
Traffic Signal Installation	CTU01085	100,000	100,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000
Traffic Signal Rehabilitation	CTU00419	2,500,000	2,500,000	660,000	660,000	670,000	670,000	680,000	680,000	680,000	680,000
Traffic Signal Re-lamping Program	CT000002	500,000	500,000	510,000	510,000	520,000	520,000				
Traffic Improvements Total		26,210,000	5,785,000	35,180,000	9,555,000	40,315,000	6,690,000	32,575,000	8,045,000	11,645,000	8,045,000
Grand Total		186,189,000	97,294,000	228,044,000	172,324,000	190,369,000	146,249,000	159,284,000	123,889,000	105,839,000	95,354,000

Reserve	2016/17
Q101 - Sale of Capital Assets Reserve	
Environmental Remediation/Building Demolition	200,000
Fire Station Land Acquisition	1,000,000
Modernize Library's IT Infrastructure and Tools	-
Road Corridor Land Acquisition	100,000
Sports/Ball Fields/Courts - New	465,000
Q101 Total	1,765,000
Q107 - Parkland Development Reserve	
Cole Harbour Turf	2,700,000
Park Land Acquisition	-
Q107 Total	2,700,000
Q119 - Sackville Landfill Closure Reserve	
Environment Monitoring Site Work 101 Landfill	355,000
Q119 Total	355,000
Q120 - Otter Lake Landfill Closure Reserve	
Half Closure Cell 6 - Otter Lake	3,800,000
Q120 Total	3,800,000
Q123 - Waste Resources Reserve	
Additional Green Carts for New Residents	500,000
Otter Lake Equipment	1,800,000
Refuse Trailer Rural Depot	-
Q123 Total	2,300,000
Q125 - Metro Park Parkade Reserve	
Metropark Upgrades	90,000
Q125 Total	90,000
Q130 - Capital Replacement Reserve	
Energy Efficiency Projects	300,000
Q130 Total	300,000
Q131 - Energy and Underground Services Reserve	
Eric Spicer Energy Upgrades	500,000
Q131 Total	500,000
Q135 - Alderney Gate Recapitalization Reserve	
Alderney Gate Recapitalization(Bundle)	210,000
Q135 Total	210,000
Q141 - BMO Life Cycle Reserve	
BMO Centre	80,000
Q141 Total	80,000
Q143 - Bus Replacement Reserve	
Conventional Bus Replacement	5,000,000
Q143 Total	5,000,000
Q144 - Metro Transit Technology Reserve	
New Transit Technology	1,885,000
Q144 Total	1,885,000
Q146 - Planned Strategic Projects Reserve	
Cogswell Interchange Redevelopment	3,000,000
Dartmouth Multi-Pad	34,000,000
Dartmouth Sportsplex Revitalization	4,400,000
Downtown Streetscapes - Capital Improvement Campaign	10,200,000
Q146 Total	51,600,000
Q204 - General Fleet Reserve	
Fleet Vehicle Replacement	1,700,000
Q204 Total	1,700,000
Q205 - Police Vehicles and Equipment Reserve	
Police Fleet	375,000
Police Services Replacement Equipment	300,000
Q205 Total	675,000
Q206 - Fire Vehicles and Equipment	
Opticom Signalization System	80,000
Q206 Total	80,000
Q312 - Culture Development Reserve	
Cultural Spaces	250,000
Q312 Total	250,000
Q319 - Major Events Facility Reserve	
Scotiabank Centre	3,620,000
Q319 Total	3,620,000
Grand Total	76,910,000

Budget Category	Project Name	Project #	Proposed 16/17 Gross Budget	Advanced Request
Buildings	Halifax City Hall and Grand Parade Restoration	CBX01046	1,750,000	875,000
	Roof (Category 3)	CBX01272	245,000	125,000
	Scotiabank Centre	CB000028	3,620,000	1,810,000
Business Tools	Council Chambers Technology Upgrade	CI990019	290,000	290,000
	Recreation Services Software	CI000005	900,000	500,000
Halifax Transit	Conventional Bus Replacement	CV020004	12,545,000	12,545,000
	MetroX Bus Replacement	CM020002	4,725,000	4,725,000
Parks & Playgrounds	Cornwallis Park Master Plan Implementation Phase 1	CP000011	350,000	175,000
	Fort Needham Master Plan Implementation	CP000012	2,200,000	100,000
	Park Upgrades	CP000002	2,440,000	1,220,000
	Sports Fields/Courts - State of Good Repair	CP000003	230,000	115,000
	Sports/Ball Fields/Courts - New	CP000004	1,500,000	100,000
Roads & Active Transportation	Active Transportation - Strategic Projects	CTU00420	5,100,000	2,550,000
	Bridges	CRU01077	2,300,000	1,500,000
	New Paving Subdivision St's Provincial	CR990001	2,500,000	1,250,000
	Other Road Related Works	CRU01079	2,500,000	850,000
	Road Operations and Construction - State of Good Repair	CR990002	2,500,000	1,250,000
	Sidewalk Renewals	CKU01084	3,000,000	1,300,000
	Street Recapitalization	CR000005	30,100,000	15,000,000
Traffic Improvements	Intersection Improvement Program	CTU01086	1,365,000	600,000
	Traffic Signal Rehabilitation	CTU00419	2,500,000	650,000
Grand Total			82,660,000	47,530,000

Project Start	Budget Category	Project Name	Project #	2015	2016	2017	2018	2019	2020	Grand Total
2015	Buildings	Cole Harbour Place	CB000045	970,000	1,375,000	1,375,000				3,720,000
		Dartmouth Multi-Pad	CB000049	2,000,000	34,000,000	7,000,000				43,000,000
		Dartmouth Sportsplex Revitalization	CB000006	-	4,400,000	13,120,000	3,280,000			20,800,000
	Equipment & Fleet	Fire Apparatus Replacement	CVJ01088	2,335,000	-	3,665,000				6,000,000
		Halifax Transit New Transit Technology	CM020005	1,000,000	5,700,000	16,115,000				22,815,000
	Parks & Playgrounds	Cole Harbour Turf	CP110002	100,000	3,800,000					3,900,000
	Traffic Improvements	Herring Cove Road Widening	CTX01116	200,000	300,000					500,000
LED Conversion of HRM Streetlights		CT000005	6,290,000	7,125,000	7,125,000	7,125,000	930,000		28,595,000	
2016	Business Tools	Accident Reporting BI and RMV	CI000006		100,000	285,000				385,000
		Corporate Epayment Solution	CI000008		125,000	100,000				225,000
		Enterprise Asset Management	CID00631		2,700,000	1,580,000				4,280,000
		HR ESS/MSS	CI990032		-	670,000	520,000			1,190,000
		Permitting, Licensing, and Compliance Replacement Solution	CI990013		400,000	1,210,000	1,615,000			3,225,000
		Public Wifi	CI000013		945,000	525,000	525,000	525,000	525,000	3,045,000
		Recreation Services Software	CI000005		900,000	1,645,000	1,205,000	1,520,000		5,270,000
		Revenue Management Solution	CI990009		250,000	1,940,000	1,350,000	1,150,000		4,690,000
		Rostering	CI000015		150,000	1,000,000	170,000			1,320,000
		Source Management	CI000016		100,000	415,000				515,000
Grand Total				12,895,000	62,370,000	57,770,000	15,790,000	4,125,000	525,000	153,475,000

* This list supercedes the list in schedule 1, Item #3, April 28, 2015