



Approved Capital Budget 2015/16

HALIFAX

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Approach to the Capital Budget

Introduction

Capital budgeting is the planned expenditures, to acquire and maintain capital assets, in order to support the many services provided by the Municipality.

Tangible Capital Assets are defined by the Canadian Institute of Chartered Accountants. In order to be considered a capital asset, according to PSAB 3150, the following conditions must be met:

- a) Are held for use in the production or supply of goods and services, for rental to others, for administrative purposes or for the development, construction, maintenance or repair of other tangible capital assets;
- b) Have useful economic lives extending beyond an accounting period (1 Year);
- c) Are used on a continuing basis; and/or
- d) Are not for resale in the ordinary course of operations.

Please note, detailed information on HRM's Capital Budget can be found on the Capital Supplementary Reports, contained in the appendices of the Capital Budget document.

Definitions

2015/16 Gross Budget by Project Type

The need for capital infrastructure arises in one of three ways: replacing or rehabilitating existing infrastructure, increasing service standards, or providing new infrastructure to accommodate growth.

State of Good Repair Projects

These are projects aimed at maintaining assets HRM owns in an acceptable state of repair to support the level of service for which the public is willing to pay, and can include maintenance, repair, renewal/rehabilitation and replacement.

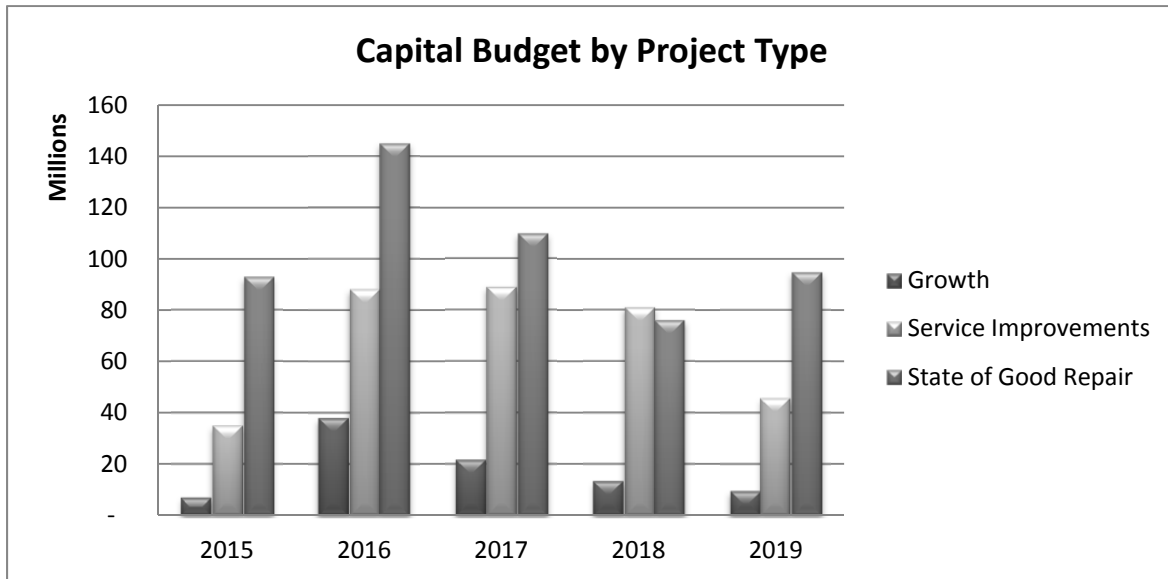
Service Improvement Projects

These are projects that are primarily driven by the need to either increase a level of service, or expand a service(s) to existing residents or businesses that did not previously receive the service. Service Improvement Projects augment service levels and/or introduce new services to HRM's existing population (i.e. new sidewalks or playgrounds in existing developed areas).

Growth Related Projects

These projects are primarily driven by the need to provide services to new residents or businesses. Growth projects generally include projects which stem from population and employment growth, and include infrastructure in new development areas, industrial park expansion, some of transit expansion and widening main roads.

The following chart summarizes spending trends over the next five years according to project type.



The following table breaks the type of project by budget category:

Budget Category	State of Good Repair	Service Improvements	Growth	Grand Total
Buildings	19,360,000	3,125,000	1,000,000	23,485,000
Business Tools	6,520,000	8,170,000		14,690,000
Community & Property Development	3,400,000	2,450,000		5,850,000
District Activity Funds		1,504,000		1,504,000
Equipment & Fleet	6,025,000	180,000		6,205,000
Halifax Transit	12,390,000	1,865,000		14,255,000
Industrial Parks			5,595,000	5,595,000
Parks & Playgrounds	4,205,000	1,270,000		5,475,000
Roads & Streets	31,200,000	775,000		31,975,000
Sidewalks, Curbs & Gutters	2,600,000	2,500,000		5,100,000
Solid Waste	5,900,000	750,000	500,000	7,150,000
Traffic Improvements	1,600,000	12,720,000	200,000	14,520,000
Grand Total	93,200,000	35,309,000	7,295,000	135,804,000

Maintaining Assets in a State of Good Repair

In an effort to maintain the condition of municipal assets, this budget allocates \$93.2 million on rehabilitation and replacement of existing assets in 2015/2016, or 69% of the 2015/2016 Capital Budget. Priority is given to projects needed to protect life or address safety issues, comply with statutes or codes, and/or reduce operating costs.

HRM's asset condition has stabilized since 2010. This trend is a positive sign that increased spending to maintain assets in a state of good repair is yielding the desired results.

The Municipality is implementing an Enterprise Asset Management program that will better enable informed decision making, with the goal to align capital spending priorities with the community's expectations. A computerized work management system and asset registry is being developed and implemented across the organization to track and report information on asset condition and maintenance costs. This information will be used to develop renewal and maintenance plans which consider level and cost of services. Regional Council will be better informed regarding which assets support which services, how much capital funding is required, and more importantly, where and when funding is needed.

Increasing the capacity of the Capital Budget

In addition to maintaining assets, \$20 to \$35 million is invested every year on service expansions such as new street paving, sidewalks, playgrounds, sports courts, and trails. Significant work has also been done to gain efficiencies in operations, and fiscal measures related to capital spending are well within threshold values.

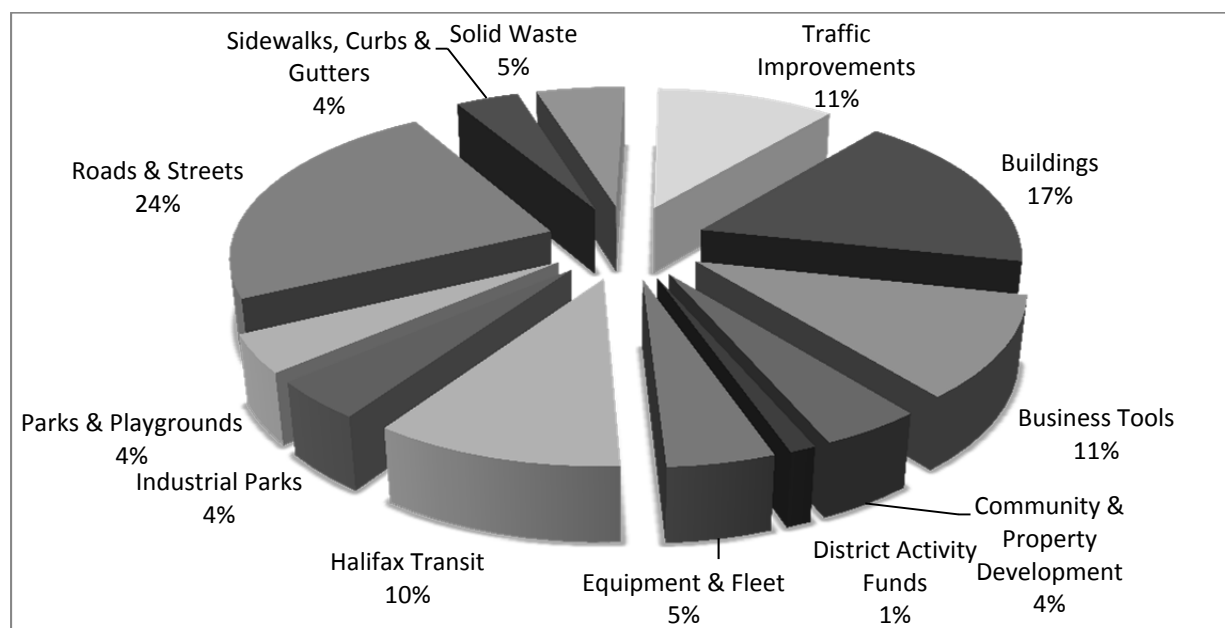
Measure	Percentage	Threshold
Debt Service Ratio (percent of revenue, %)	7.0	Below 15
Outstanding Debt (percent of assessment base, %)	0.6	Below 3.5
Undepreciated Assets	57.4	Above 60
5 year Capital Purchases Replacement Rate (disposals compared to renewals)	147.2	Above 100
5 year Contribution to reserves (percent of capital budget, %)	31.6	Above 10

Capital Expenditure Plan

The following provides an overview of the capital expenditures. Please refer to the Budget Summaries section of this document, for a more detailed Capital Expenditure Plan, or the Capital Budget Book to see detailed Capital Supplementary Reports on each project.

Projected spending in 2015/16 for each budget category is summarized in the following table.

2015/16 Gross Budget by Budget Category - Chart



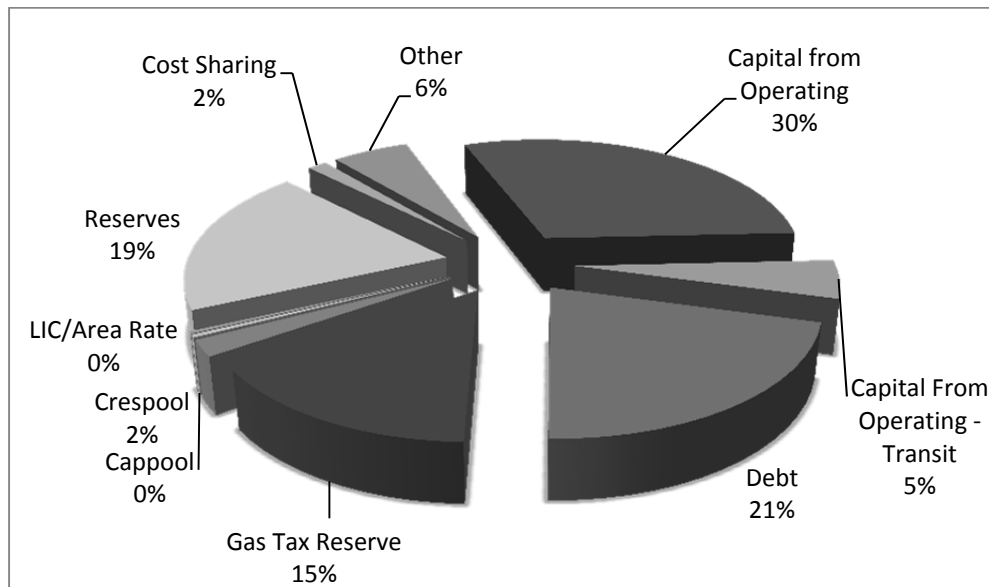
2015/16 Gross Budget by Budget Category - Table

Budget Category	Total Gross (in thousands)	Percentage
Buildings	23,485	17.3%
Business Tools	14,690	10.8%
Community & Property Development	5,850	4.3%
District Activity Funds	1,504	1.1%
Equipment & Fleet	6,205	4.6%
Halifax Transit	14,255	10.5%
Industrial Parks	5,595	4.1%
Parks & Playgrounds	5,475	4.0%
Roads & Streets	31,975	23.5%
Sidewalks, Curbs & Gutters	5,100	3.8%
Solid Waste	7,150	5.3%
Traffic Improvements	14,520	10.7%
Grand Total	135,804	100.0%

Capital Funding Plan

Funding for capital comes from a number of sources. These include property tax revenue which is used to pay for some projects directly, or from the general rate or the transit rate. This is known as “Capital from Operating” or “pay-as-you-go.” Revenue from the general rate is also used to make debt payments or transfers to reserves for specific purposes. Federal gas tax funding, development charges, local improvement charges, area rates and external cost-sharing programs are also used to varying degrees.

2015/16 Funding Sources - Chart



2015/16 Funding Sources - Table

Funding Sources	Amount (thousands)	Percentage
Capital from Operating	40,461	29.8%
Capital From Operating - Transit	6,780	5.0%
Debt	28,778	21.2%
Gas Tax Reserve	20,214	14.9%
Crespool	2,871	2.1%
Cappool	500	0.4%
LIC/Area Rate	463	0.3%
Reserves	26,310	19.4%
Cost Sharing	1,888	1.4%
Other	7,540	5.6%
Total	135,804	100.0%

“Other” is debt that is being used to fund conversion of streetlights to LED bulbs, and future sale of Cogswell lands to fund the Cogswell redevelopment.

Reserves

If a project is anticipated and can be planned for, it is often advantageous to set aside funds in a reserve, which can be used to pay all or a portion of the capital cost. Each reserve has its own business case outlining the funding sources and permitted expenditures. In 2015/2016, reserves contribute \$26.31 million to the Capital Budget as detailed below.

Reserve Name	Project #	Reserve Withdrawal
Q101 - Sale of Capital Assets		
Fire Station Land Acquisition	CBX01102	1,000,000
Road Corridor Land Acquisition	CTU00897	200,000
Q101 - Sale of Capital Assets Total		1,200,000
Q119 - Sackville Landfill Closure		
Burner Installation Hwy 101 Landfill	CWU01065	30,000
Q119 - Sackville Landfill Closure Total		30,000
Q120 - Otter Lake Landfill Closure		
Half Closure Cell 6 - Otter Lake	CWU01358	4,500,000
Q120 - Otter Lake Landfill Closure Total		4,500,000
Q121 - Business Industrial Parks Expansion		
Aerotech Repositioning & Dvlmnt	CQ000007	95,000
Burnside & City of Lakes Development	CQ000008	5,500,000
Q121 - Business Industrial Parks Expansion Total		5,595,000
Q123 - Waste Resources		
Additional Green Carts for New Residents	CW000001	500,000
Otter Lake Equipment	CW000002	1,120,000
Refuse Trailer Rural Depot	CW000003	250,000
Vertical Expansion of Landfill Cells	CW000006	750,000
Q123 - Waste Resources Total		2,620,000
Q125 - MetroPark Parkade		
Metropark Upgrades	CBX01140	85,000
Q125 - MetroPark Parkade Total		85,000
Q129 - Ferry Replacement		
Ferry Replacement	CM000001	1,580,000
Q129 - Ferry Replacement Total		1,580,000
Q131 - Energy & Underground Services		
Energy Efficiency Projects	CBX01161	1,000,000
Q131 - Energy & Underground Services Total		1,000,000
Q135 - Alderney Gate Recapitalization Leasehold Improvement		
Alderney Gate Recapitalization(Bundle)	CBX01157	500,000
Q135 - Alderney Gate Recapitalization Leasehold Improvement Total		500,000
Q141 - BMO Centre Lifecycle		
BMO Centre	CB000064	100,000
Q141 - BMO Centre Lifecycle Total		100,000
Q146 - Planned Strategic Projects		
Dartmouth Multi-Pad	CB000049	2,000,000
Downtown Streetscapes - Capital Improvement Campaign	CD000002	3,400,000

Q146 - Planned Strategic Projects Total		5,400,000
Q206 - Fire & Emergency Service Vehicle & Equipment		
Opticom Signalization System	CEJ01220	80,000
Q206 - Fire & Emergency Service Vehicle & Equipment Total		80,000
Q319 - Major Events Facilities		
Scotiabank Centre	CB000028	3,620,000
Q319 - Major Events Facilities Total		3,620,000
Grand Total		26,310,000

Gas Tax

Gas Tax is a federally funded infrastructure program. It represents a stable, long-term source of funding, with the flexibility to address priorities of the community. In order to receive the funding, municipalities are required to have a sustainable, long-term community plan, such as HRM's Regional Plan.

Projects are selected based on the level of anticipated eligible expenditures - and the likelihood of spending the funding - within the fiscal year. The table below is the proposed use of gas tax funds in 2015/16. The actual mix of funds will be determined based on eligible expenditures in these accounts. Any accumulated surplus will remain in a dedicated reserve and applied to future capital budgets.

Gas Tax Funded Projects 2015/16:

Project Name	Project #	Gross Budget	Proposed Gas Tax Reserve Withdrawal
Access-A-Bus Replacement	CVD00430	1,000,000	700,000
Conventional Bus Replacement	CV020004	4,230,000	3,500,000
Halifax Ferry Terminal	CB000039	730,000	500,000
Woodside Ferry Terminal Upgrades	CB000042	500,000	300,000
Halifax Transit Subtotal			5,000,000
Street Recapitalization	CR000005	24,000,000	15,214,000
Total			20,214,000

Impact on the Operating Budget

New Projects

New projects, particularly service improvement and growth-related, create new operating costs that must be included in the operating budget. Operating impacts can be “one time” costs related to implementing a new service or program, but most maintenance and programming costs are on-going. The on-going costs are cumulative in nature and increase year after year as new assets are commissioned.

Summary of Operating Impacts of the 2015/2016 Capital Budget

Budget Category	Net Operating Costs	Implementation Cost	Impact to Operating Budget
Buildings	31,000	-	31,000
Business Tools	1,115,000	1,055,000	2,170,000
Halifax Transit	715,300	174,400	889,700
Parks & Playgrounds	85,000	-	85,000
Roads & Streets	25,800	-	25,800
Sidewalks, Curbs & Gutters	30,000	-	30,000
Traffic Improvements	124,600	-	124,600
Grand Total	2,126,700	1,229,400	3,356,100

Capital Budget Summary

Project Year 2015

Budget Category	Total Gross Budget	Project Specific Funding	Borrowing and Other Transfers	Ongoing Impact on the Operating Budget	One-time Impact on the Operating Budget
Buildings	23,485,000	8,380,000	15,105,000	31,000	-
Business Tools	14,690,000	-	14,690,000	1,115,000	1,055,000
Community & Property Development	5,850,000	4,650,000	1,200,000	-	-
District Activity Funds	1,504,000	-	1,504,000	-	-
Equipment & Fleet	6,205,000	80,000	6,125,000	-	-
Halifax Transit	14,255,000	1,580,000	12,675,000	715,300	174,400
Industrial Parks	5,595,000	5,595,000	-	-	-
Parks & Playgrounds	5,475,000	500,000	4,975,000	85,000	-
Roads & Streets	31,975,000	1,625,000	30,350,000	20,000	-
Sidewalks, Curbs & Gutters	5,100,000	-	5,100,000	35,800	-
Solid Waste	7,150,000	7,150,000	-	-	-
Traffic Improvements	14,520,000	6,640,000	7,880,000	124,600	-
Grand Total	135,804,000	36,200,000	99,604,000	2,126,700	1,229,400

Funding Detail

Project Specific Funding

Cost Sharing	1,887,500
Reserves	26,310,000
LIC/Area Rate	462,500
Other (Future Sale of Cogswell Lands)	1,250,000
Other Debt - LED Streetlights	6,290,000
Project Specific Funding Total	<u>36,200,000</u>

Borrowing and Other Transfers

Capital from Operating	40,461,000
Capital From Operating - Transit	6,780,000
Capital From Operating - Total	47,241,000
Debt	28,778,000
Subtotal	<u>76,019,000</u>
Gas Tax Reserve	20,214,000
Crespool	2,871,000
Cappool	500,000
Total	<u>99,604,000</u>

Capital Budget Detail

Project Year 2015

Budget Category	Project #	Gross	Funding	Net
Buildings				
Accessibility - HRM Facilities	CBX01154	945,000	-	945,000
Alderney Gate Recapitalization(Bundle)	CBX01157	1,210,000	500,000	710,000
Architecture - Exterior (Category 2)	CBX01274	50,000	-	50,000
Architecture - Interior (Category 5)	CBX01273	100,000	-	100,000
Beazley Field Grandstands & Upgrades	CB000030	35,000	-	35,000
BMO Centre	CB000064	100,000	100,000	-
Captain William Spry Renovations	CB000023	250,000	-	250,000
Carroll's Corner Community Centre	CB000063	200,000	-	200,000
Cole Harbour Outdoor Pool & Tennis Court	CP000010	165,000	-	165,000
Cole Harbour Place	CB000045	970,000	-	970,000
Consulting - Buildings (Category 0)	CBX01268	515,000	-	515,000
Corporate Accommodations	CB000047	1,000,000	-	1,000,000
Corporate Accommodations - Alderney Campus	CB000046	920,000	-	920,000
Dartmouth Multi-Pad	CB000049	2,000,000	2,000,000	-
Dartmouth Sportsplex Revitalization	CB000006	-	-	-
East Preston Recreation Centre	CB000050	240,000	-	240,000
Electrical (Category 7)	CBX01275	50,000	-	50,000
Emera Oval	CBX01344	1,180,000	-	1,180,000
Energy Efficiency Projects	CBX01161	1,000,000	1,000,000	-
Environmental Remediation/Building Demolition	CBX01162	-	-	-
Evergreen House	CB000051	100,000	-	100,000
Fire Station 14, Woodlawn Recapitalization	CB000054	150,000	-	150,000
Fire Station 16, Eastern Passage Recapitalization	CB000056	150,000	-	150,000
Fire Station 2, University Ave Recapitalization	CB000052	220,000	-	220,000
Fire Station 20, Lawrencetown Recapitalization	CB000053	100,000	-	100,000
Fire Station Land Acquisition	CBX01102	1,000,000	1,000,000	-
Halifax City Hall and Grand Parade Restoration	CBX01046	2,200,000	-	2,200,000
HRM Depot Upgrades	CBX01170	200,000	-	200,000
HRPD Ident Lab Ventilation	CBX01364	-	-	-
Hubbards Recreation Centre	CB000043	75,000	75,000	-
Mechanical (Category 6)	CBX01269	100,000	-	100,000
Metropark Upgrades	CBX01140	85,000	85,000	-
Multi District Facilities-Upgrades (Bundle)	CB000002	500,000	-	500,000
Musquodoboit Recreation Facility	CB000058	100,000	-	100,000
North Woodside Community Centre Recapitalization	CB000059	270,000	-	270,000
Roof (Category 3)	CBX01272	1,500,000	-	1,500,000
Sackville Sports Stadium	CB000060	1,280,000	-	1,280,000
Scotiabank Centre	CB000028	3,620,000	3,620,000	-
Site Work (Category 1)	CBX01271	700,000	-	700,000
St. Andrew's Community Centre Renovation	CB000011	-	-	-
Structural (Category 4)	CBX01270	100,000	-	100,000
Upper Sackville Recreation Centre Facility	CB000061	105,000	-	105,000
Buildings Total		23,485,000	8,380,000	15,105,000

Capital Budget Detail

Project Year 2015

Budget Category	Project #	Gross	Funding	Net
Business Tools				
Application Recapitalization	CI000002	1,600,000	-	1,600,000
Automated Vehicle Location (AVL)	CID01292	-	-	-
Business Intelligence (BI) Program	CI990001	250,000	-	250,000
Contact Center Telephony Solution	CI990017	740,000	-	740,000
Council Chambers Technology Upgrade	CI990019	400,000	-	400,000
CRM Software Replacement	CI990020	300,000	-	300,000
Data Management and Process Review	CI990021	190,000	-	190,000
Election Management Solution	CI990015	275,000	-	275,000
Electronic File Management HRP	CI990023	555,000	-	555,000
Enterprise Asset Management	CID00631	2,090,000	-	2,090,000
Health and Safety Incident Reporting	CI990010	600,000	-	600,000
HR Employee and Manager Self Service (ESS/MSS)	CI990032	670,000	-	670,000
HRFE Dispatch Project	CI990027	725,000	-	725,000
HRFE Fire Data Management (FDM) Review & Enhancements	CI990028	490,000	-	490,000
ICT Business Tools	CI990004	750,000	-	750,000
ICT Infrastructure Recapitalization	CI000004	1,200,000	-	1,200,000
Internet Program	CI000001	1,700,000	-	1,700,000
Parking Technology Initiative - PTMS	CI990031	200,000	-	200,000
Permitting, Licensing, and Compliance Replacement Solution	CI990013	600,000	-	600,000
Service Desk System Replacement	CI990002	110,000	-	110,000
Situational Awareness	CI990035	505,000	-	505,000
Trunk Mobile Radios - TMR	CID01362	740,000	-	740,000
Business Tools Total		14,690,000	-	14,690,000
Community & Property Development				
Cogswell Interchange Redevelopment	CT000007	1,250,000	1,250,000	-
Cultural Structures and Places	CD990003	-	-	-
Downtown Streetscapes - Capital Improvement Campaign	CD000002	3,400,000	3,400,000	-
HRM Public Art	CDG01135	-	-	-
Shubenacadie Canal Greenway Trail	CDG00493	1,200,000	-	1,200,000
Streetscaping in Center Hubs and Corridors	CDV00734	-	-	-
Community & Property Development Total		5,850,000	4,650,000	1,200,000
District Activity Funds				
District 1 Project Funds	CCV01801	94,000	-	94,000
District 2 Project Funds	CCV01802	94,000	-	94,000
District 3 Project Funds	CCV01803	94,000	-	94,000
District 4 Project Funds	CCV01804	94,000	-	94,000
District 5 Project Funds	CCV01805	94,000	-	94,000
District 6 Project Funds	CCV01806	94,000	-	94,000
District 7 Project Funds	CCV01807	94,000	-	94,000
District 8 Project Funds	CCV01808	94,000	-	94,000
District 9 Project Funds	CCV01809	94,000	-	94,000
District 10 Project Funds	CCV01810	94,000	-	94,000
District 11 Project Funds	CCV01811	94,000	-	94,000
District 12 Project Funds	CCV01812	94,000	-	94,000
District 13 Project Funds	CCV01813	94,000	-	94,000
District 14 Project Funds	CCV01814	94,000	-	94,000
District 15 Project Funds	CCV01815	94,000	-	94,000
District 16 Project Funds	CCV01816	94,000	-	94,000
District Activity Funds Total		1,504,000	-	1,504,000

Capital Budget Detail

Project Year 2015

Budget Category	Project #	Gross	Funding	Net
Equipment & Fleet				
EMO Emergency Situational Trailer	CVJ01222	-	-	-
Fire Apparatus Replacement	CVJ01088	2,335,000	-	2,335,000
Fire Services Equipment Replacement	CE010001	880,000	-	880,000
Fire Services Training Simulator	CE010003	100,000	-	100,000
Fire Services Water Supply	CHJ01221	100,000	-	100,000
Fleet Vehicle Replacement	CVD01087	1,185,000	-	1,185,000
Ice Resurfacers Replacement	CVU01207	125,000	-	125,000
Opticom Signalization System	CEJ01220	80,000	80,000	-
Police Marked Cars	CVK01090	1,400,000	-	1,400,000
Equipment & Fleet Total		6,205,000	80,000	6,125,000
Halifax Transit				
Access-A-Bus Expansion	CVD00429	230,000	-	230,000
Access-A-Bus Replacement	CVD00430	1,000,000	-	1,000,000
Biennial Ferry Refit	CVD00436	200,000	-	200,000
Bus Stop Accessibility	CBT00432	125,000	-	125,000
Conventional Bus Replacement	CV020004	4,230,000	-	4,230,000
Ferry Replacement	CM000001	4,800,000	1,580,000	3,220,000
Ferry Terminal Pontoon Rehabilitation	CBX01171	250,000	-	250,000
Halifax Ferry Terminal	CB000039	730,000	-	730,000
Lacewood Terminal Replacement	CB000013	100,000	-	100,000
Mid Life Bus Rebuild	CVD00431	440,000	-	440,000
New Transit Technology	CM020005	1,000,000	-	1,000,000
New/Expanded Transit Centre	CB000017	100,000	-	100,000
Radio Coverage Infrastructure	CM000004	150,000	-	150,000
Replacement Transit Technology	CMU01203	-	-	-
Shelters Replacement/Expansion	CBT00437	110,000	-	110,000
Transit Security	CMU00982	-	-	-
Transit Software	CIU00875	-	-	-
Transit Support Vehicle Replacement	CV000004	90,000	-	90,000
Woodside Ferry Terminal Upgrades	CB000042	500,000	-	500,000
Wrights Cove Loop Construction	CR000007	200,000	-	200,000
Halifax Transit Total		14,255,000	1,580,000	12,675,000
Industrial Parks				
Aerotech Repositioning & Dvlmnt	CQ000007	95,000	95,000	-
Burnside & City of Lakes Development	CQ000008	5,500,000	5,500,000	-
Industrial Parks Total		5,595,000	5,595,000	-
Parks & Playgrounds				
Cole Harbour Turf	CP110002	100,000	-	100,000
Cornwallis Park Master Plan Implementation Phase 1	CP000011	200,000	75,000	125,000
Fort Needham Master Plan Implementation	CP000012	125,000	-	125,000
Halifax Common Master Plan & Implementation	CP000013	160,000	-	160,000
Mainland Common Artificial Turf Renewal	CP110001	1,850,000	150,000	1,700,000
Park Assets - State of Good Repair	CP000002	680,000	125,000	555,000
Park Land Acquisition	CPX01149	-	-	-
Parks, Sports Courts & Fields - Service Improvement	CP000004	235,000	-	235,000
Point Pleasant Park Master Plan Implementation	CP000006	25,000	-	25,000
Public Gardens Upgrades	CPX01193	300,000	-	300,000
Regional Trails Active Transportation	CPX01196	850,000	-	850,000
Regional Water Access/ Beach Upgrades	CPX01331	100,000	-	100,000
Sports Fields/Courts - State of Good Repair	CP000003	850,000	150,000	700,000
Parks & Playgrounds Total		5,475,000	500,000	4,975,000

Capital Budget Detail

Project Year 2015

Budget Category	Project #	Gross	Funding	Net
Roads & Streets				
Bridges	CRU01077	2,000,000	-	2,000,000
Municipal Operations - State of Good Repair	CR990002	2,100,000	-	2,100,000
New Paving Streets - HRM Owned Roads	CR000002	500,000	250,000	250,000
New Paving Subdivision St's Provincial	CR990001	275,000	275,000	-
Other Road Related Works	CRU01079	1,500,000	-	1,500,000
Storm Sewer Upgrades	CR000001	500,000	-	500,000
Street Recapitalization	CR000005	25,100,000	1,100,000	24,000,000
Roads & Streets Total		31,975,000	1,625,000	30,350,000
Sidewalks, Curbs & Gutters				
New Sidewalks	CR000003	2,500,000	-	2,500,000
Sidewalk Renewals	CKU01084	2,600,000	-	2,600,000
Sidewalks, Curbs & Gutters Total		5,100,000	-	5,100,000
Solid Waste				
Additional Green Carts for New Residents	CW000001	500,000	500,000	-
Burner Installation Hwy 101 Landfill	CWU01065	30,000	30,000	-
Dredging of Siltation Pond	CWU01092	-	-	-
Environment Monitoring Site Work 101 Landfill	CWU01353	-	-	-
Half Closure Cell 6 - Otter Lake	CWU01358	4,500,000	4,500,000	-
Land Acquisition Otter Lake	CWI00967	-	-	-
Leachate Tank at HWY 101	CWI00985	-	-	-
Otter Lake Equipment	CW000002	1,120,000	1,120,000	-
Refuse Trailer Rural Depot	CW000003	250,000	250,000	-
Vertical Expansion of Landfill Cells	CW000006	750,000	750,000	-
Solid Waste Total		7,150,000	7,150,000	-
Traffic Improvements				
Active Transportation - Strategic Projects	CTU00420	710,000	-	710,000
Bedford West Traffic Signals	CTX01127	-	-	-
Controller Cabinet and Detection Program	CT000004	190,000	-	190,000
Destination Signage Program	CTR00904	250,000	150,000	100,000
Dynamic Messaging Signs	CTX01115	-	-	-
Herring Cove Road Widening	CTX01116	200,000	-	200,000
Intersection Improvement Program	CTU01086	1,000,000	-	1,000,000
LED Conversion of HRM Streetlights	CT000005	6,290,000	6,290,000	-
Margeson Drive	CTU01287	-	-	-
North Park Corridor Improvements	CT000001	3,750,000	-	3,750,000
Road Corridor Land Acquisition	CTU00897	200,000	200,000	-
Road Oversizing - Bedford South CCC	CTX01126	-	-	-
Street Lighting	CRU00792	450,000	-	450,000
Traffic Signal Installation	CTU01085	175,000	-	175,000
Traffic Signal Rehabilitation	CTU00419	710,000	-	710,000
Traffic Signal System Integration	CT140001	595,000	-	595,000
Traffic Improvements Total		14,520,000	6,640,000	7,880,000
Grand Total		135,804,000	36,200,000	99,604,000

Capital Budget Summary - Preliminary

Project Year 2016

Budget Category	Gross	Funding	Net
Buildings	67,140,000	36,685,000	30,455,000
Business Tools	28,620,000	-	28,620,000
Community & Property Development	10,950,000	8,750,000	2,200,000
District Activity Funds	1,504,000	-	1,504,000
Equipment & Fleet	7,770,000	80,000	7,690,000
Halifax Transit	40,510,000	-	40,510,000
Industrial Parks	9,165,000	9,165,000	-
Parks & Playgrounds	11,500,000	500,000	11,000,000
Roads & Streets	38,815,000	750,000	38,065,000
Sidewalks, Curbs & Gutters	7,000,000	-	7,000,000
Solid Waste	31,455,000	6,455,000	25,000,000
Traffic Improvements	17,660,000	7,225,000	10,435,000
Grand Total	272,089,000	69,610,000	202,479,000

Capital Budget Detail

Project Year 2016

Budget Category	Project #	Gross	Funding	Net
Buildings				
Accessibility - HRM Facilities	CBX01154	400,000	-	400,000
Alderney Gate Recapitalization(Bundle)	CBX01157	500,000	500,000	-
Architecture - Exterior (Category 2)	CBX01274	100,000	-	100,000
Architecture - Interior (Category 5)	CBX01273	100,000	-	100,000
Building Recap Future Years - Parks & Recreation	CB000048	6,605,000	-	6,605,000
Captain William Spry Renovations	CB000023	1,250,000	-	1,250,000
Cole Harbour Place	CB000045	2,750,000	-	2,750,000
Consulting - Buildings (Category 0)	CBX01268	500,000	-	500,000
Corporate Accommodations	CB000047	1,000,000	-	1,000,000
Dartmouth Multi-Pad	CB000049	20,500,000	20,500,000	-
Dartmouth Sportsplex Revitalization	CB000006	10,400,000	10,400,000	-
Electrical (Category 7)	CBX01275	50,000	-	50,000
Energy Efficiency Projects	CBX01161	500,000	500,000	-
Environmental Remediation/Building Demolition	CBX01162	400,000	400,000	-
Fire Station Land Acquisition	CBX01102	1,000,000	1,000,000	-
Fire Station Replacements	CB000065	2,000,000	-	2,000,000
Halifax City Hall and Grand Parade Restoration	CBX01046	1,750,000	-	1,750,000
HRFE Future Buildings Recapitalization	CB000057	2,000,000	-	2,000,000
HRM Depot Upgrades	CBX01170	500,000	-	500,000
Mechanical (Category 6)	CBX01269	100,000	-	100,000
Metropark Upgrades	CBX01140	90,000	90,000	-
Multi District Facilities-Upgrades (Bundle)	CB000002	500,000	-	500,000
Regional Park Washrooms	CB000010	1,250,000	-	1,250,000
Roof (Category 3)	CBX01272	2,600,000	-	2,600,000
Scotiabank Centre	CB000028	3,295,000	3,295,000	-
Site Work (Category 1)	CBX01271	800,000	-	800,000
St. Andrew's Community Centre Renovation	CB000011	6,100,000	-	6,100,000
Structural (Category 4)	CBX01270	100,000	-	100,000
Buildings Total		67,140,000	36,685,000	30,455,000

Capital Budget Detail

Project Year 2016

Budget Category	Project #	Gross	Funding	Net
Business Tools				
Application Recapitalization	CI000002	1,600,000	-	1,600,000
Automated Vehicle Location (AVL)	CID01292	1,685,000	-	1,685,000
Business Intelligence (BI) Program	CI990001	150,000	-	150,000
Close Circuit TV (CCTV) & Infrastructure	CI990016	3,000,000	-	3,000,000
Corporate Document/Record Management	CI990018	3,070,000	-	3,070,000
Electronic Disclosure	CI990022	475,000	-	475,000
Electronic File Management HRP	CI990023	295,000	-	295,000
Employee Intranet	CI990024	350,000	-	350,000
Enterprise Asset Management	CID00631	1,815,000	-	1,815,000
Enterprise Risk Management	CI990025	310,000	-	310,000
Facility Alarms	CI990026	950,000	-	950,000
Hansen Revenue Module Replacement	CI990009	1,000,000	-	1,000,000
Health and Safety Incident Reporting	CI990010	600,000	-	600,000
HR Employee and Manager Self Service (ESS/MSS)	CI990032	55,000	-	55,000
HR Service Management Solution	CI990029	645,000	-	645,000
HRFE Dispatch Project	CI990027	235,000	-	235,000
HRFE Fire Data Management (FDM) Review & Enhancements	CI990028	775,000	-	775,000
ICT Business Tools	CI990004	750,000	-	750,000
ICT Infrastructure Recapitalization	CI000004	1,200,000	-	1,200,000
Internet Program	CI000001	800,000	-	800,000
Mobile Policing	CI990030	580,000	-	580,000
Parking Technology Initiative - PTMS	CI990031	2,755,000	-	2,755,000
Permitting, Licensing, and Compliance Replacement Solution	CI990013	1,700,000	-	1,700,000
Portfolio/Project Management Office Tool	CI990033	300,000	-	300,000
Recreation Services Software	CI000005	1,530,000	-	1,530,000
Salt Weigh Scales	CI990034	1,070,000	-	1,070,000
Service Desk System Replacement	CI990002	125,000	-	125,000
Training and Events Tracking	CI990014	800,000	-	800,000
Business Tools Total		28,620,000	-	28,620,000
Community & Property Development				
Cogswell Interchange Redevelopment	CT000007	5,000,000	5,000,000	-
Cultural Structures and Places	CD990003	350,000	350,000	-
Downtown Streetscapes - Capital Improvement Campaign	CD000002	3,400,000	3,400,000	-
Shubenacadie Canal Greenway Trail	CDG00493	1,200,000	-	1,200,000
Streetscaping in Center Hubs and Corridors	CDV00734	1,000,000	-	1,000,000
Community & Property Development Total		10,950,000	8,750,000	2,200,000

Capital Budget Detail

Project Year 2016

Budget Category	Project #	Gross	Funding	Net
District Activity Funds				
District 1 Project Funds	CCV01801	94,000	-	94,000
District 2 Project Funds	CCV01802	94,000	-	94,000
District 3 Project Funds	CCV01803	94,000	-	94,000
District 4 Project Funds	CCV01804	94,000	-	94,000
District 5 Project Funds	CCV01805	94,000	-	94,000
District 6 Project Funds	CCV01806	94,000	-	94,000
District 7 Project Funds	CCV01807	94,000	-	94,000
District 8 Project Funds	CCV01808	94,000	-	94,000
District 9 Project Funds	CCV01809	94,000	-	94,000
District 10 Project Funds	CCV01810	94,000	-	94,000
District 11 Project Funds	CCV01811	94,000	-	94,000
District 12 Project Funds	CCV01812	94,000	-	94,000
District 13 Project Funds	CCV01813	94,000	-	94,000
District 14 Project Funds	CCV01814	94,000	-	94,000
District 15 Project Funds	CCV01815	94,000	-	94,000
District 16 Project Funds	CCV01816	94,000	-	94,000
District Activity Funds Total		1,504,000	-	1,504,000
Equipment & Fleet				
Fire Apparatus Replacement	CVJ01088	3,665,000	-	3,665,000
Fire Services Equipment Replacement	CE010001	850,000	-	850,000
Fire Services Water Supply	CHJ01221	150,000	-	150,000
Fleet Vehicle Replacement	CVD01087	1,500,000	-	1,500,000
Ice Resurfacers Replacement	CVU01207	125,000	-	125,000
Opticom Signalization System	CEJ01220	80,000	80,000	-
Police Marked Cars	CVK01090	1,400,000	-	1,400,000
Equipment & Fleet Total		7,770,000	80,000	7,690,000
Halifax Transit				
Access-A-Bus Expansion	CVD00429	230,000	-	230,000
Access-A-Bus Replacement	CVD00430	700,000	-	700,000
Biennial Ferry Refit	CVD00436	450,000	-	450,000
Bus Stop Accessibility	CBT00432	125,000	-	125,000
Conventional Bus Expansion	CV020003	2,625,000	-	2,625,000
Conventional Bus Replacement	CV020004	11,155,000	-	11,155,000
Ferry Terminal Pontoon Rehabilitation	CBX01171	250,000	-	250,000
MetroX Bus Replacement	CM020002	4,725,000	-	4,725,000
Mid Life Bus Rebuild	CVD00431	440,000	-	440,000
New Transit Technology	CM020005	18,675,000	-	18,675,000
Shelters Replacement/Expansion	CBT00437	110,000	-	110,000
Transit Security	CMU00982	300,000	-	300,000
Transit Support Vehicle Replacement	CV000004	75,000	-	75,000
Wrights Cove Loop Construction	CR000007	650,000	-	650,000
Halifax Transit Total		40,510,000	-	40,510,000
Industrial Parks				
Aerotech Repositioning & Dvlmnt	CQ000007	500,000	500,000	-
Burnside & City of Lakes Development	CQ000008	8,165,000	8,165,000	-
Ragged Lake Development	CQ000006	500,000	500,000	-
Industrial Parks Total		9,165,000	9,165,000	-

Capital Budget Detail

Project Year 2016

Budget Category	Project #	Gross	Funding	Net
Parks & Playgrounds				
Cole Harbour Turf	CP110002	2,200,000	-	2,200,000
Cornwallis Park Master Plan Implementation Phase 1	CP000011	200,000	-	200,000
Fort Needham Master Plan Implementation	CP000012	500,000	-	500,000
Halifax Common Master Plan & Implementation	CP000013	1,500,000	-	1,500,000
Park Assets - State of Good Repair	CP000002	600,000	-	600,000
Park Land Acquisition	CPX01149	500,000	500,000	-
Parks, Sports Courts & Fields - Service Improvement	CP000004	800,000	-	800,000
Point Pleasant Park Master Plan Implementation	CP000006	1,400,000	-	1,400,000
Point Pleasant Park Stone Wall Restoration	CP000009	500,000	-	500,000
Public Gardens Upgrades	CPX01193	250,000	-	250,000
Regional Trails Active Transportation	CPX01196	850,000	-	850,000
Regional Water Access/ Beach Upgrades	CPX01331	650,000	-	650,000
Sports Fields/Courts - State of Good Repair	CP000003	1,500,000	-	1,500,000
Western Common Master Plan Implementation	CP000014	50,000	-	50,000
Parks & Playgrounds Total		11,500,000	500,000	11,000,000
Roads & Streets				
Bridges	CRU01077	3,000,000	-	3,000,000
Municipal Operations - State of Good Repair	CR990002	2,115,000	-	2,115,000
New Paving Streets - HRM Owned Roads	CR000002	500,000	250,000	250,000
New Paving Subdivision St's Provincial	CR990001	500,000	500,000	-
Other Road Related Works	CRU01079	2,500,000	-	2,500,000
Storm Sewer Upgrades	CR000001	200,000	-	200,000
Street Recapitalization	CR000005	30,000,000	-	30,000,000
Roads & Streets Total		38,815,000	750,000	38,065,000
Sidewalks, Curbs & Gutters				
New Sidewalks	CR000003	3,500,000	-	3,500,000
Sidewalk Renewals	CKU01084	3,500,000	-	3,500,000
Sidewalks, Curbs & Gutters Total		7,000,000	-	7,000,000

Capital Budget Detail

Project Year 2016

Budget Category	Project #	Gross	Funding	Net
Solid Waste				
Additional Green Carts for New Residents	CW000001	500,000	500,000	-
Composting Plant	CW000004	25,000,000	-	25,000,000
Environment Monitoring Site Work 101 Landfill	CWU01353	355,000	355,000	-
Half Closure Cell 6 - Otter Lake	CWU01358	3,800,000	3,800,000	-
Otter Lake Equipment	CW000002	1,800,000	1,800,000	-
Solid Waste Total		31,455,000	6,455,000	25,000,000
Traffic Improvements				
Active Transportation - Strategic Projects	CTU00420	1,500,000	-	1,500,000
Bayer's Road Upgrades/Transit Corridor Study	CMU00975	270,000	-	270,000
Controller Cabinet and Detection Program	CT000004	500,000	-	500,000
Destination Signage Program	CTR00904	100,000	-	100,000
Herring Cove Road Widening	CTX01116	1,250,000	-	1,250,000
Intersection Improvement Program	CTU01086	2,800,000	-	2,800,000
LED Conversion of HRM Streetlights	CT000005	7,125,000	7,125,000	-
MacLennan Drive	CTU01365	200,000	-	200,000
Margeson Drive	CTU01287	1,695,000	-	1,695,000
Road Corridor Land Acquisition	CTU00897	100,000	100,000	-
Street Lighting	CRU00792	220,000	-	220,000
Traffic Signal Installation	CTU01085	750,000	-	750,000
Traffic Signal Rehabilitation	CTU00419	650,000	-	650,000
Traffic Signal Re-lamping Program	CT000002	500,000	-	500,000
Traffic Improvements Total		17,660,000	7,225,000	10,435,000
Grand Total		272,089,000	69,610,000	202,479,000

Capital Budget Summary - Preliminary

Project Year

2017

Budget Category	Gross	Funding	Net
Buildings	55,995,000	33,860,000	22,135,000
Business Tools	20,230,000	-	20,230,000
Community & Property Development	19,750,000	18,750,000	1,000,000
District Activity Funds	1,504,000	-	1,504,000
Equipment & Fleet	6,605,000	80,000	6,525,000
Halifax Transit	24,475,000	-	24,475,000
Industrial Parks	16,690,000	16,690,000	-
Parks & Playgrounds	8,200,000	500,000	7,700,000
Roads & Streets	38,815,000	750,000	38,065,000
Sidewalks, Curbs & Gutters	7,000,000	-	7,000,000
Solid Waste	2,335,000	2,335,000	-
Traffic Improvements	19,580,000	9,385,000	10,195,000
Grand Total	221,179,000	82,350,000	138,829,000

Capital Budget Detail

Project Year 2017

Budget Category	Project #	Gross	Funding	Net
Buildings				
Accessibility - HRM Facilities	CBX01154	400,000	-	400,000
Alderney Gate Recapitalization(Bundle)	CBX01157	500,000	500,000	-
Architecture - Exterior (Category 2)	CBX01274	100,000	-	100,000
Architecture - Interior (Category 5)	CBX01273	100,000	-	100,000
Building Recap Future Years - Parks & Recreation	CB000048	5,935,000	-	5,935,000
Consulting - Buildings (Category 0)	CBX01268	500,000	-	500,000
Corporate Accommodations	CB000047	1,000,000	-	1,000,000
Dartmouth Multi-Pad	CB000049	20,500,000	20,500,000	-
Dartmouth Sportsplex Revitalization	CB000006	10,400,000	10,400,000	-
Eastern Passage High School Enhancements	CB000007	650,000	-	650,000
Electrical (Category 7)	CBX01275	50,000	-	50,000
Energy Efficiency Projects	CBX01161	500,000	500,000	-
Environmental Remediation/Building Demolition	CBX01162	400,000	400,000	-
Fire Station Replacements	CB000065	4,000,000	-	4,000,000
Halifax City Hall and Grand Parade Restoration	CBX01046	250,000	-	250,000
HRFE Future Buildings Recapitalization	CB000057	3,250,000	-	3,250,000
HRM Depot Upgrades	CBX01170	500,000	-	500,000
Mechanical (Category 6)	CBX01269	100,000	-	100,000
Metropark Upgrades	CBX01140	90,000	90,000	-
Multi District Facilities-Upgrades (Bundle)	CB000002	500,000	-	500,000
Regional Park Washrooms	CB000010	1,300,000	-	1,300,000
Roof (Category 3)	CBX01272	2,600,000	-	2,600,000
Scotiabank Centre	CB000028	1,470,000	1,470,000	-
Site Work (Category 1)	CBX01271	800,000	-	800,000
Structural (Category 4)	CBX01270	100,000	-	100,000
Buildings Total		55,995,000	33,860,000	22,135,000
Business Tools				
Application Recapitalization	CI000002	1,600,000	-	1,600,000
Business Intelligence (BI) Program	CI990001	100,000	-	100,000
Close Circuit TV (CCTV) & Infrastructure	CI990016	3,000,000	-	3,000,000
Corporate Document/Record Management	CI990018	3,120,000	-	3,120,000
Enterprise Asset Management	CID00631	455,000	-	455,000
Hansen Revenue Module Replacement	CI990009	1,000,000	-	1,000,000
ICT Business Tools	CI990004	750,000	-	750,000
ICT Infrastructure Recapitalization	CI000004	1,200,000	-	1,200,000
Parking Technology Initiative - PTMS	CI990031	5,945,000	-	5,945,000
Permitting, Licensing, and Compliance Replacement Solution	CI990013	1,000,000	-	1,000,000
Recreation Services Software	CI000005	1,530,000	-	1,530,000
Service Desk System Replacement	CI990002	130,000	-	130,000
Training and Events Tracking	CI990014	400,000	-	400,000
Business Tools Total		20,230,000	-	20,230,000

Capital Budget Detail

Project Year 2017

Budget Category	Project #	Gross	Funding	Net
Community & Property Development				
Cogswell Interchange Redevelopment	CT000007	15,000,000	15,000,000	-
Cultural Structures and Places	CD990003	350,000	350,000	-
Downtown Streetscapes - Capital Improvement Campaign	CD000002	3,400,000	3,400,000	-
Streetscaping in Center Hubs and Corridors	CDV00734	1,000,000	-	1,000,000
Community & Property Development Total		19,750,000	18,750,000	1,000,000
District Activity Funds				
District 1 Project Funds	CCV01801	94,000	-	94,000
District 2 Project Funds	CCV01802	94,000	-	94,000
District 3 Project Funds	CCV01803	94,000	-	94,000
District 4 Project Funds	CCV01804	94,000	-	94,000
District 5 Project Funds	CCV01805	94,000	-	94,000
District 6 Project Funds	CCV01806	94,000	-	94,000
District 7 Project Funds	CCV01807	94,000	-	94,000
District 8 Project Funds	CCV01808	94,000	-	94,000
District 9 Project Funds	CCV01809	94,000	-	94,000
District 10 Project Funds	CCV01810	94,000	-	94,000
District 11 Project Funds	CCV01811	94,000	-	94,000
District 12 Project Funds	CCV01812	94,000	-	94,000
District 13 Project Funds	CCV01813	94,000	-	94,000
District 14 Project Funds	CCV01814	94,000	-	94,000
District 15 Project Funds	CCV01815	94,000	-	94,000
District 16 Project Funds	CCV01816	94,000	-	94,000
District Activity Funds Total		1,504,000	-	1,504,000
Equipment & Fleet				
Fire Apparatus Replacement	CVJ01088	2,500,000	-	2,500,000
Fire Services Equipment Replacement	CE010001	850,000	-	850,000
Fire Services Water Supply	CHJ01221	150,000	-	150,000
Fleet Vehicle Replacement	CVD01087	1,500,000	-	1,500,000
Ice Resurfacers Replacement	CVU01207	125,000	-	125,000
Opticom Signalization System	CEJ01220	80,000	80,000	-
Police Marked Cars	CVK01090	1,400,000	-	1,400,000
Equipment & Fleet Total		6,605,000	80,000	6,525,000
Halifax Transit				
Access-A-Bus Expansion	CVD00429	230,000	-	230,000
Access-A-Bus Replacement	CVD00430	1,300,000	-	1,300,000
Biennial Ferry Refit	CVD00436	600,000	-	600,000
Bus Stop Accessibility	CBT00432	125,000	-	125,000
Conventional Bus Expansion	CV020003	2,625,000	-	2,625,000
Conventional Bus Replacement	CV020004	3,880,000	-	3,880,000
Ferry Terminal Pontoon Rehabilitation	CBX01171	250,000	-	250,000
Mid Life Bus Rebuild	CVD00431	300,000	-	300,000
New Transit Technology	CM020005	3,140,000	-	3,140,000
New/Expanded Transit Centre	CB000017	10,235,000	-	10,235,000
Shelters Replacement/Expansion	CBT00437	110,000	-	110,000
Transit Security	CMU00982	300,000	-	300,000
Transit Support Vehicle Replacement	CV000004	30,000	-	30,000
Wrights Cove Loop Construction	CR000007	1,350,000	-	1,350,000
Halifax Transit Total		24,475,000	-	24,475,000
Industrial Parks				
Aerotech Repositioning & Dvlmnt	CQ000007	6,250,000	6,250,000	-
Burnside & City of Lakes Development	CQ000008	10,440,000	10,440,000	-
Industrial Parks Total		16,690,000	16,690,000	-

Capital Budget Detail

Project Year 2017

Budget Category	Project #	Gross	Funding	Net
Parks & Playgrounds				
Cornwallis Park Master Plan Implementation Phase 1	CP000011	200,000	-	200,000
Fort Needham Master Plan Implementation	CP000012	500,000	-	500,000
Halifax Common Master Plan & Implementation	CP000013	2,000,000	-	2,000,000
Park Assets - State of Good Repair	CP000002	600,000	-	600,000
Park Land Acquisition	CPX01149	500,000	500,000	-
Parks, Sports Courts & Fields - Service Improvement	CP000004	800,000	-	800,000
Point Pleasant Park Stone Wall Restoration	CP000009	500,000	-	500,000
Public Gardens Upgrades	CPX01193	50,000	-	50,000
Regional Trails Active Transportation	CPX01196	850,000	-	850,000
Regional Water Access/ Beach Upgrades	CPX01331	650,000	-	650,000
Sports Fields/Courts - State of Good Repair	CP000003	1,500,000	-	1,500,000
Western Common Master Plan Implementation	CP000014	50,000	-	50,000
Parks & Playgrounds Total		8,200,000	500,000	7,700,000
Roads & Streets				
Bridges	CRU01077	3,000,000	-	3,000,000
Municipal Operations - State of Good Repair	CR990002	2,115,000	-	2,115,000
New Paving Streets - HRM Owned Roads	CR000002	500,000	250,000	250,000
New Paving Subdivision St's Provincial	CR990001	500,000	500,000	-
Other Road Related Works	CRU01079	2,500,000	-	2,500,000
Storm Sewer Upgrades	CR000001	200,000	-	200,000
Street Recapitalization	CR000005	30,000,000	-	30,000,000
Roads & Streets Total		38,815,000	750,000	38,065,000
Sidewalks, Curbs & Gutters				
New Sidewalks	CR000003	3,500,000	-	3,500,000
Sidewalk Renewals	CKU01084	3,500,000	-	3,500,000
Sidewalks, Curbs & Gutters Total		7,000,000	-	7,000,000
Solid Waste				
Additional Green Carts for New Residents	CW000001	735,000	735,000	-
Otter Lake Equipment	CW000002	1,600,000	1,600,000	-
Solid Waste Total		2,335,000	2,335,000	-
Traffic Improvements				
Active Transportation - Strategic Projects	CTU00420	1,200,000	-	1,200,000
Bedford West Road Oversizing	CTU01006	3,600,000	2,160,000	1,440,000
Burnside Expressway Greenway	CT000008	700,000	-	700,000
Controller Cabinet and Detection Program	CT000004	510,000	-	510,000
Destination Signage Program	CTR00904	100,000	-	100,000
Intersection Improvement Program	CTU01086	2,700,000	-	2,700,000
LED Conversion of HRM Streetlights	CT000005	7,125,000	7,125,000	-
Margeson Drive	CTU01287	1,400,000	-	1,400,000
Road Corridor Land Acquisition	CTU00897	100,000	100,000	-
Street Lighting	CRU00792	225,000	-	225,000
Traffic Signal Installation	CTU01085	750,000	-	750,000
Traffic Signal Rehabilitation	CTU00419	660,000	-	660,000
Traffic Signal Re-lamping Program	CT000002	510,000	-	510,000
Traffic Improvements Total		19,580,000	9,385,000	10,195,000
Grand Total		221,179,000	82,350,000	138,829,000

5 Year Gross Project Budget - Buildings

Page	Budget Category	Project #	2015	2016	2017	2018	2019
	Buildings						
A1	Accessibility - HRM Facilities	CBX01154	945,000	400,000	400,000	400,000	400,000
A2	Alderney Gate Recapitalization(Bundle)	CBX01157	1,210,000	500,000	500,000	500,000	500,000
A3	Architecture - Exterior (Category 2)	CBX01274	50,000	100,000	100,000	100,000	100,000
A4	Architecture - Interior (Category 5)	CBX01273	100,000	100,000	100,000	100,000	100,000
A5	Beazley Field Grandstands & Upgrades	CB000030	35,000	-	-	-	-
A6	BMO Centre	CB000064	100,000	-	-	-	-
A7	Building Recap Future Years - Parks & Recreation	CB000048	-	6,605,000	5,935,000	2,515,000	-
A8	Captain William Spry Renovations	CB000023	250,000	1,250,000	-	-	-
A9	Carroll's Corner Community Centre	CB000063	200,000	-	-	-	-
A10	Cole Harbour Outdoor Pool & Tennis Court	CP000010	165,000	-	-	-	-
A11	Cole Harbour Place	CB000045	970,000	2,750,000	-	-	-
A12	Consulting - Buildings (Category 0)	CBX01268	515,000	500,000	500,000	500,000	500,000
A13	Corporate Accommodations	CB000047	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
A14	Corporate Accommodations - Alderney Campus	CB000046	920,000	-	-	-	-
A15	Dartmouth Multi-Pad	CB000049	2,000,000	20,500,000	20,500,000	-	-
A16	Dartmouth Sportsplex Revitalization	CB000006	-	10,400,000	10,400,000	-	-
A17	East Preston Recreation Centre	CB000050	240,000	-	-	-	-
A18	Eastern Passage High School Enhancements	CB000007	-	-	650,000	-	-
A19	Electrical (Category 7)	CBX01275	50,000	50,000	50,000	50,000	50,000
A20	Emera Oval	CBX01344	1,180,000	-	-	-	-
A21	Energy Efficiency Projects	CBX01161	1,000,000	500,000	500,000	500,000	500,000
A22	Environmental Remediation/Building Demolition	CBX01162	-	400,000	400,000	400,000	400,000
A23	Evergreen House	CB000051	100,000	-	-	-	-
A24	Fire Station 14, Woodlawn Recapitalization	CB000054	150,000	-	-	-	-
A25	Fire Station 16, Eastern Passage Recapitalization	CB000056	150,000	-	-	-	-
A26	Fire Station 2, University Ave Recapitalization	CB000052	220,000	-	-	-	-
A27	Fire Station 20, Lawrencetown Recapitalization	CB000053	100,000	-	-	-	-
A28	Fire Station Land Acquisition	CBX01102	1,000,000	1,000,000	-	-	-
A29	Fire Station Replacements	CB000065	-	2,000,000	4,000,000	4,000,000	-
A30	Halifax City Hall and Grand Parade Restoration	CBX01046	2,200,000	1,750,000	250,000	250,000	500,000
A31	HRFE Future Buildings Recapitalization	CB000057	-	2,000,000	3,250,000	-	-
A32	HRM Depot Upgrades	CBX01170	200,000	500,000	500,000	500,000	500,000
A33	HRPD Ident Lab Ventilation	CBX01364	-	-	-	-	-
A34	Hubbards Recreation Centre	CB000043	75,000	-	-	-	-
A35	Mechanical (Category 6)	CBX01269	100,000	100,000	100,000	100,000	100,000
A36	Metropark Upgrades	CBX01140	85,000	90,000	90,000	100,000	100,000
A37	Multi District Facilities-Upgrades (Bundle)	CB000002	500,000	500,000	500,000	500,000	500,000
A38	Musquodoboit Recreation Facility	CB000058	100,000	-	-	-	-
A39	North Woodside Community Centre Recapitalization	CB000059	270,000	-	-	-	-
A40	Regional Park Washrooms	CB000010	-	1,250,000	1,300,000	60,000	1,900,000
A41	Roof (Category 3)	CBX01272	1,500,000	2,600,000	2,600,000	2,000,000	2,000,000
A42	Sackville Sports Stadium	CB000060	1,280,000	-	-	-	-
A43	Scotiabank Centre	CB000028	3,620,000	3,295,000	1,470,000	850,000	-
A44	Site Work (Category 1)	CBX01271	700,000	800,000	800,000	500,000	500,000
A45	St. Andrew's Community Centre Renovation	CB000011	-	6,100,000	-	-	-
A46	Structural (Category 4)	CBX01270	100,000	100,000	100,000	100,000	100,000
A47	Upper Sackville Recreation Centre Facility	CB000061	105,000	-	-	-	-
	Grand Total		23,485,000	67,140,000	55,995,000	15,025,000	9,750,000

2015/2016 Capital Supplemental Report

Project Name:	Accessibility - HRM Facilities
Project Number:	CBX01154
Business Unit:	Operations Support
Project Manager:	Darren Young
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

Accessibility Audits have been completed at 34 recreation facilities as per the direction from Regional Council in 2014/15. The estimated cost excluding HST, was \$1.1 million. In 2015/2016 the work will focus on recreation facilities. The scope of work includes: 1) acquiring consulting and project management to deliver the work; and 2) accessibility audits on the next set of priority Municipal Buildings (administrative). Examples of accessibility upgrades include: the installation of ramps, automatic door openers, audible signals and visual flashing fire alarms.

Total Capital Request: (5 Years) \$ 2,545,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	945,000	400,000	400,000	400,000	400,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	945,000	400,000	400,000	400,000	400,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Accessibility Projects at approximately 34 Recreation Facilities	800,000
Consultants	75,000
Project Management (External)	50,000
Future Building Audit	20,000
Total Estimated Work Plan 2015/16	945,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	945,000

2015/2016 Capital Supplemental Report

Project Name:	Alderney Gate Recapitalization(Bundle)
Project Number:	CBX01157
Business Unit:	Operations Support
Project Manager:	Diane Moulton
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

This project covers the costs of the recapitalization of the Alderney Gate building and systems for maintenance; addresses priority recapitalization projects, which impact safety and operating conditions. This project is funded by the Alderney Gate Recapitalization and Leasehold Improvement Reserve established in 2005.

Total Capital Request: (5 Years) \$ 3,210,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,210,000	500,000	500,000	500,000	500,000
Funding Source:					
Reserve Q135 - Alderney Gate Recapitalization	500,000	500,000	500,000	500,000	500,000
	-	-	-	-	-
Total Funding:	500,000	500,000	500,000	500,000	500,000
Net budget:	710,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Security, Phase 2, including alarm system upgrades and exterior/interior CCTV	200,000
Deferred Maintenance, not including roofing and asphaltting Elevator and escalator replacements, Phase 2	725,000
Consulting allowance	450,000
	140,000
Completion of elevator replacement, Phase 1 with already approved funds	700,000
Completion of south to east podium concourse with already approved funds	400,000
Completion of security, Phase 1 with already approved funds	80,000
	-
Total Estimated Work Plan 2015/16	2,695,000
Less Projected Carry Forward from Previous Years	1,485,000
Gross Budget Request for 2015/16	1,210,000

2015/2016 Capital Supplemental Report

Project Name:	Architecture - Exterior (Category 2)
Project Number:	CBX01274
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

In accordance with the HRM Tangible Capital Asset Policy, buildings are subdivided into seven asset categories. Architecture Exterior is asset category #2. This project has been created to fund exterior condition analysis and recommendations, contract documents, tendering, masonry, curtain wall, wood siding, demolition, glazing and other exterior items.

Total Capital Request: (5 Years) \$ 450,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	50,000	100,000	100,000	100,000	100,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	50,000	100,000	100,000	100,000	100,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Emerging Building Opportunities	100,000
Alderney Landing - repairs to skylight over elevators	-
Consulting	-
Flemming Cottage	-
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	50,000
Gross Budget Request for 2015/16	50,000

2015/2016 Capital Supplemental Report

Project Name:	Architecture - Interior (Category 5)
Project Number:	CBX01273
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories. Architecture-Interior is asset category #5. This project has been created to fund the design, condition analysis and recommendations, contract documents, tendering, color boards, presentations, metal stud partitions, doors, sidelights, trim, interior masonry, carpentry, vinyl tile, ceramic tile, painting, wall coverings and ceiling systems.

Total Capital Request: (5 Years) \$ 500,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	100,000	100,000	100,000	100,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	100,000	100,000	100,000	100,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Emerging Building Opportunities	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Beazley Field Grandstands & Upgrades
Project Number:	CB000030
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

In 2014, Regional Council approved the removal and demolition of the existing grandstands and installation of temporary bleachers. Work in 2015/16 will include completion of a site plan for Beazley Field. Staff will return to Regional Council once a site plan has been completed with a project plan and a budget for Regional Council to consider.

Total Capital Request: (5 Years) \$ 35,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	35,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	35,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Site Plan	35,000
	-
Total Estimated Work Plan 2015/16	35,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	35,000

2015/2016 Capital Supplemental Report

Project Name:	BMO Centre
Project Number:	CB000064
Business Unit:	Parks & Recreation
Project Manager:	Bill Cruickshank
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

There is a contractual agreement which requires Nustadia Recreation Inc. to maintain the BMO Centre to meet the recreation needs of HRM citizens. The agreement states Nustadia is responsible for all capital work in the building and HRM is liable for all capital costs. Reserve number Q141(BMO Life Cycle Reserve) has been set up and would be the source of funding for these capital items. Work proposed for 2015/16 includes laser levels for two ice-resurfacers, gate closures, security cameras and door closures.

Total Capital Request: (5 Years) \$ 100,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Tender Ready**

How advanced are the budget estimates? Class D, C, B or A **Class 'C'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	-	-	-	-
Funding Source:					
Reserve Q141 - BMO Life Cycle	100,000	-	-	-	-
	-	-	-	-	-
Total Funding:	100,000	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Laser Levels for 2 Ice-resurfacers	50,000
Gate Closures	10,000
Security Cameras	20,000
Door Closures	10,000
Contingency	10,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Building Recap Future Years - Parks & Recreation
Project Number:	CB000048
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

In 2012, the Municipality undertook a Building Condition Assessment program to develop a State of Good Repair recapitalization program for municipal buildings. The data formulated a 5-year recapitalization plan which addresses priority buildings for recapitalization and integrates systematic building projects to maintain the assets. This project is the execution of the recapitalization plan.

Total Capital Request: (5 Years) \$ 15,055,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	6,605,000	5,935,000	2,515,000	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	6,605,000	5,935,000	2,515,000	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Captain William Spry Renovations
Project Number:	CB000023
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

Captain William Spry Community Centre was constructed in 1985 and has been undergoing a multi-year recapitalization plan. One of the last areas to be improved are the locker rooms adjacent to the pool. Funding in 2015/16 will be to engage consultants to develop a scope of work and schematic design.

Total Capital Request: (5 Years) \$ 1,500,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	250,000	1,250,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	250,000	1,250,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Consulting, detailed design and tender documents	250,000
	-
Total Estimated Work Plan 2015/16	250,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	250,000

2015/2016 Capital Supplemental Report

Project Name:	Carroll's Corner Community Centre
Project Number:	CB000063
Business Unit:	Parks & Recreation
Project Manager:	Bogdan Hadlaw
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The Riverline Community Centre which was in close proximity to this centre has been declared surplus property by Regional Council. As a result, recreation programming will be consolidated at the Carroll Corner Community Centre. A detailed work plan has been developed in alignment with the Building Condition and Energy Assessment Report from January 2013.

Total Capital Request: (5 Years) \$ 200,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	200,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

State of Good Repair as per the Building Condition Assessment	200,000
	-
Total Estimated Work Plan 2015/16	200,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	200,000

2015/2016 Capital Supplemental Report

Project Name:	Cole Harbour Outdoor Pool & Tennis Court
Project Number:	CP000010
Business Unit:	Parks & Recreation
Project Manager:	Darren Young
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The 2012 Building Condition Assessment identified the Cole Harbour Outdoor Pool and Tennis Court as having a Facility Condition Index of 27%. Work required includes asphalt paving, replacement of grandstands, replacement of concrete steps, replacement of pool slide and diving board, repairs to pool structure, and replacement of doors and windows. In addition, the 2014 Accessibility Audit recommended upgrades to make the facility barrier free.

Total Capital Request: (5 Years) \$ 165,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	165,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	165,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

State of Good Repair as per the BCA includes concrete work, mechanical systems, accessibility upgrades and safety upgrades	165,000
	-
Total Estimated Work Plan 2015/16	165,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	165,000

2015/2016 Capital Supplemental Report

Project Name:	Cole Harbour Place
Project Number:	CB000045
Business Unit:	Parks & Recreation
Project Manager:	Darren Young
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

This project will address deferred maintenance at Cole Harbour Place, including envelope/roofing work and the systematic recapitalization of the arena equipment and systems.

Total Capital Request: (5 Years) \$

3,720,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	970,000	2,750,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	970,000	2,750,000	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

State of Good Repair as per the BCA includes flooring, roofing and mechanical systems	780,000
Security Upgrades	140,000
Accessibility Upgrades	50,000
	-
Total Estimated Work Plan 2015/16	970,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	970,000

2015/2016 Capital Supplemental Report

Project Name:	Consulting - Buildings (Category 0)
Project Number:	CBX01268
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

This project will support multiple state of good repair and service improvement project deliverables that require external consultants, where HRM does not have the resources or specific knowledge to complete the work internally.

Total Capital Request: (5 Years) \$ 2,515,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	515,000	500,000	500,000	500,000	500,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	515,000	500,000	500,000	500,000	500,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Consulting for future years' recapitalization projects and emerging opportunities	-
Programming, feasibility studies, business plans and concept plans for future years' projects for corporate accommodations, fire, police, and parks & recreation	425,000
Developing future years' work plan based on Building Condition Assessments	75,000
Detailed site investigation and project scoping of future years' work plan	100,000
Outsourcing of project management and construction expertise	150,000
	-
Total Estimated Work Plan 2015/16	750,000
Less Projected Carry Forward from Previous Years	235,000
Gross Budget Request for 2015/16	515,000

2015/2016 Capital Supplemental Report

Project Name:	Corporate Accommodations
Project Number:	CB000047
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

This project will accommodate staff relocations, as well as office and municipal service configuration. A detailed assessment will be undertaken, which will outline a corporate accommodation strategy for 2015/16. This account is to fund consultant services, interior renovations, furniture and moving costs.

Total Capital Request: (5 Years) \$ 5,000,000

Supports Outcome Area: Organizational Capacity (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Potential renovation activity to be determined based on results of detailed assessment	1,000,000
	-
Total Estimated Work Plan 2015/16	1,000,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,000,000

2015/2016 Capital Supplemental Report

Project Name:	Corporate Accommodations - Alderney Campus
Project Number:	CB000046
Business Unit:	Operations Support
Project Manager:	John MacPherson
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The Alderney Gate master plan has been established to provide a roadmap to revitalize Alderney Gate as a community hub and provide an increased level of service. The first phase is underway, with the establishment of a permanent location for Harbour East - Marine Drive Community Council on the ground floor. Future plans include a consolidated Customer Service Storefront on the ground floor, as well as a refresh of the common spaces and increased commercial opportunities.

Total Capital Request: (5 Years) \$ 920,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	920,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	920,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Alderney Gate - Payroll Relocation to 5th Floor	100,000
Alderney Gate - Customer Service Relocation to Ground Floor	525,000
Alderney Gate - New Ground Floor Washrooms	195,000
Consulting allowance	100,000
Total Estimated Work Plan 2015/16	920,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	920,000

2015/2016 Capital Supplemental Report

Project Name:	Dartmouth Multi-Pad
Project Number:	CB000049
Business Unit:	Parks & Recreation
Project Manager:	Darren Young
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

This project will see construction of a four-pad ice surface arena adjacent to the existing all-weather fields and volleyball courts on Commodore Drive. The facility will be complete with dressing/locker rooms, community space and support spaces for the rinks, all-weather field and volleyball facilities. Approximately 500 parking spaces will be located next to the building.

Total Capital Request: (5 Years) \$ 43,000,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,000,000	20,500,000	20,500,000	-	-
Funding Source:					
Reserve Q146 - Planned Strategic Projects	2,000,000	20,500,000	20,500,000	-	-
	-	-	-	-	-
Total Funding:	2,000,000	20,500,000	20,500,000	-	-
Net budget:	-	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Issue and award of Design Build Multi-Pad RFP	2,000,000
2015/16 work includes design, geotechnical, surveys and environmental assessments	-
	-
Total Estimated Work Plan 2015/16	2,000,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	2,000,000

2015/2016 Capital Supplemental Report

Project Name:	Dartmouth Sportsplex Revitalization
Project Number:	CB000006
Business Unit:	Parks & Recreation
Project Manager:	Greg Mackay
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

On April 15, 2014, Regional Council directed staff to proceed with the Dartmouth Sportsplex revitalization project. A concept design has been prepared to address many of the functional planning and recapitalization issues. Significant improvements are proposed for the public areas and pool. A new gym is proposed as well. Funding for this year will be used to engage a consultant to prepare detailed design and contract documents and to validate the business plan.

Total Capital Request: (5 Years) \$ 20,800,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Design**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	10,400,000	10,400,000	-	-
Funding Source:					
Reserve Q146 - Planned Strategic Projects	-	10,400,000	10,400,000	-	-
	-	-	-	-	-
Total Funding:	-	10,400,000	10,400,000	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Issue and award RFP for design services	2,200,000
	-
Total Estimated Work Plan 2015/16	2,200,000
Less Projected Carry Forward from Previous Years	2,200,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	East Preston Recreation Centre
Project Number:	CB000050
Business Unit:	Parks & Recreation
Project Manager:	Michael MacDonald
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The East Preston Recreation Centre was built in 1994. The facility is well used and supported by community residents. This project will address priority recapitalization projects to improve safety and operational conditions. Work includes upgrades to the parking lots, exterior lighting, security cameras and mechanical systems.

Total Capital Request: (5 Years) \$ 240,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	240,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	240,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Improvements to parking lot (to prevent overcrowding and promote good traffic flow during events), exterior lighting and security cameras around perimeter of building and mechanical and safety upgrades	240,000
	-
Total Estimated Work Plan 2015/16	240,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	240,000

2015/2016 Capital Supplemental Report

Project Name:	Eastern Passage High School Enhancements
Project Number:	CB000007
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

On January 15, 2013, Regional Council approved entering into a partnership with the Province of Nova Scotia, to facilitate high school enhancements in response to the Cole Harbour Needs Assessment. The proposed enhancement of the gymnasium for the Eastern Passage High School creates an additional full gymnasium for school and community use. Payment of HRM contribution, originally budgeted in 2014/15, however the project has been delayed by the Province.

Total Capital Request: (5 Years) \$

650,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	650,000	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	650,000	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Electrical (Category 7)
Project Number:	CBX01275
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories. Electrical is asset category #7. This project has been created to fund energy performance, life cycle costing, LEED, condition analysis and recommendation, contract documents, tendering, power distribution, electrical service entry, exterior and interior lighting, heating and cabling.

Total Capital Request: (5 Years) \$ 250,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	50,000	50,000	50,000	50,000	50,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	50,000	50,000	50,000	50,000	50,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Emerging Building Opportunities	50,000
Consulting	-
Electrical upgrades	-
Security cameras and access control	-
	-
Total Estimated Work Plan 2015/16	50,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	50,000

2015/2016 Capital Supplemental Report

Project Name:	Emera Oval
Project Number:	CBX01344
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

In 2012, following the transformation of the temporary long track speed skating oval from the 2011 Canada Winter Games into a permanent ice surface on the North Common, funding was allocated to construct the permanent support facilities. The Pavilion will house the ice re-surfacers, skate rental/storage room, equipment for skate sharpening, staff office and public washroom. The design of the Oval Pavilion began in November 2012. In February 2013, HRM consulted with the public about the future pavilion building design. The ideas generated assisted the consultant to develop a design that reinforces the sense of place and civic identity that the Oval has created. The schematic design was presented and accepted by the public in May 2014.

Total Capital Request: (5 Years) \$

1,180,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender Ready

How advanced are the budget estimates? Class D, C, B or A

Class 'B'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,180,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,180,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	31,000	-	-	-	-
Net Annual Operating Costs:	31,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	31,000	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Construction of Pavilion	3,580,000
	-
Total Estimated Work Plan 2015/16	3,580,000
Less Projected Carry Forward from Previous Years	2,400,000
Gross Budget Request for 2015/16	1,180,000

2015/2016 Capital Supplemental Report

Project Name:	Energy Efficiency Projects
Project Number:	CBX01161
Business Unit:	Planning & Development
Project Manager:	Julian Boyle
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

The proposed energy efficiency project, at the Eric Spicer building, is targeting an annual energy reduction of 25-40% (\$106,500 – 2013 costs) and has a thirteen-year simple payback period. With current energy costs escalating, this payback period is reduced to approximately eleven years. A significant part of the project involves what could be considered recapitalization of equipment at the end of its useful life. Factoring in both the increased costs of energy and future avoided capital expenses, the project ROI is calculated to be 8.3% (not including maintenance and water savings). The project consists of a natural gas conversion, replacement of mechanical air handling and air conditioning units, and other controls and lighting measures. The Proposed Energy Efficiency project will reduce 7,800 m³ of water consumption annually (25-40%). This is an approximate \$10,000 per year savings.

Total Capital Request: (5 Years) \$

3,000,000

Supports Outcome Area:

Financial Stewardship (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,000,000	500,000	500,000	500,000	500,000
Funding Source:					
Reserve Q131 - Energy and Underground Services	1,000,000	500,000	500,000	500,000	500,000
	-	-	-	-	-
Total Funding:	1,000,000	500,000	500,000	500,000	500,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Eric Spicer Energy Efficiency Upgrades including natural gas conversion, air handling unit replacement and lighting upgrades	1,200,000
	-
Total Estimated Work Plan 2015/16	1,200,000
Less Projected Carry Forward from Previous Years	200,000
Gross Budget Request for 2015/16	1,000,000

2015/2016 Capital Supplemental Report

Project Name:	Environmental Remediation/Building Demolition
Project Number:	CBX01162
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

This is an ongoing program which provides for environmental remediation of land and the demolition of buildings. Buildings are demolished to prepare HRM-owned surplus properties for sale. Demolition of buildings frequently increases the net value of a property by removing the uncertainty of costs related to that work from the potential buyer.

Total Capital Request: (5 Years) \$ 1,600,000

Supports Outcome Area: Financial Stewardship (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	400,000	400,000	400,000	400,000
Funding Source:					
Reserve Q101 - Sale of Capital Assets	-	400,000	400,000	400,000	400,000
	-	-	-	-	-
Total Funding:	-	400,000	400,000	400,000	400,000
Net budget:	-	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Completion of the following with already approved funds:	
Contingency for emergency demolition	150,000
Allen Heights Fire Station - demolition	75,000
West Chezzetcook School - demolition	60,000
Owls Head School - demolition	60,000
Decommissioned Rural Fire Station - demolition	100,000
Herring Cove Road Fire Station (old building) - demolition	60,000
Irishstown Road Hydrocarbon Clean-up	75,000
Contingency for Admin 50 Preparations	50,000
Contingency for Oil Spill Responses, Contaminated Sites, and Tank Compliance studies	50,000
Total Estimated Work Plan 2015/16	680,000
Less Projected Carry Forward from Previous Years	680,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Evergreen House
Project Number:	CB000051
Business Unit:	Parks & Recreation
Project Manager:	Moira Edmonds
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The Building Condition and Energy Assessment Report from March 2013, identified deferred maintenance and end of life replacement work recommendations for future years. This recapitalization project is intended to encompass both deferred maintenance and the work identified within that report for 2013-2018. The recapitalization plan will address priority facilities and develop a systematic approach to fair condition facilities. Evergreen House is in fair to good condition, however, there is an opportunity to recognize and address energy and access issues within the heritage context. This work will take care of the facility's recapitalization requirements over the next five years.

Total Capital Request: (5 Years) \$ 100,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Addressing safety deficiencies and code compliance as well as minor structural repairs, roof and chimney work	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Station 14, Woodlawn Recapitalization
Project Number:	CB000054
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Greg Mackay
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The Fire Station Recapitalization Plan has identified over \$7 million in deferred maintenance to be completed over the next five years on the fire stations. The plan addresses priority buildings on an annual basis, and includes systematic projects to ensure leveling of reinvestment. The recapitalization project for the Woodlawn Fire Station is based on the requirement to address deferred maintenance identified during the 2012 Building Condition Assessment, which identified a Facility Condition Index of 14% at the time, and the provision of security equipment to meet the Corporate Security Standards for municipal facilities. This scope covers recapitalization of the facility and does not include any recommendations from the Fire Services Master Plan.

Total Capital Request: (5 Years) \$ 150,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	150,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	150,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Deferred Maintenance including: roof repairs, hose dryer and paving	150,000
	-
Total Estimated Work Plan 2015/16	150,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	150,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Station 16, Eastern Passage Recapitalization
Project Number:	CB000056
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Greg Mackay
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The Fire Station Recapitalization Plan has identified over \$7 million deferred maintenance to be completed over the next five years on the portfolio of stations. The plan addresses priority buildings on an annual basis, and includes systematic projects to ensure leveling of reinvestment. The recapitalization project for the Eastern Passage Fire Station is based on the requirement to address deferred maintenance identified during the 2012 Building Condition Assessment, which identified a Facility Condition Index of 18% at the time, and the provision of security equipment to meet the Corporate Security Standards for municipal facilities. This scope covers recapitalization of the facility and does not include any recommendations from the Fire Services Master Plan.

Total Capital Request: (5 Years) \$ 150,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Design

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	150,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	150,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Deferred maintenance including: roof repairs, flooring, brickwork, fencing and insulation	150,000
	-
Total Estimated Work Plan 2015/16	150,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	150,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Station 2, University Ave Recapitalization
Project Number:	CB000052
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Greg Mackay
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The Fire Station Recapitalization Plan has identified over \$7 million deferred maintenance to be completed over the next five years on the portfolio of stations. The plan addresses priority buildings on an annual basis, and includes systematic projects to ensure leveling of reinvestment. The recapitalization project for the University Ave Fire Station is based on the requirement to address deferred maintenance identified during the 2012 Building Condition Assessment, which identified a Facility Condition Index of 6% at the time, and the provision of security equipment to meet the Corporate Security Standards for municipal facilities. This scope covers recapitalization of the facility and programming and does not include any recommendations from the Fire Services Master Plan.

Total Capital Request: (5 Years) \$ 220,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	220,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	220,000	-	-	-	-
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Deferred maintenance including: roof repairs, ventilation and boiler upgrades	220,000
	-
Total Estimated Work Plan 2015/16	220,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	220,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Station 20, Lawrencetown Recapitalization
Project Number:	CB000053
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Greg Mackay
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The Fire Station Recapitalization Plan has identified over \$7 million deferred maintenance to be completed over the next five years on the portfolio of stations. The plan addresses priority buildings on an annual basis, and includes systematic projects to ensure leveling of reinvestment. The recapitalization project for the Lawrencetown Fire Station is based on the requirement to address deferred maintenance identified during the 2012 Building Condition Assessment, which identified a Facility Condition Index of 12% at the time, and the provision of security equipment to meet the Corporate Security Standards for municipal facilities. This scope covers recapitalization of the facility and does not include any recommendations from the Fire Services Master Plan.

Total Capital Request: (5 Years) \$ 100,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Deferred maintenance including; roof repairs, insulation and siding	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Station Land Acquisition
Project Number:	CBX01102
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Terry Gallagher
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

Halifax Regional Fire & Emergency, through their Master Plan, are recommending strategic realignment of their building assets to provide improved service. This includes the identification and purchase of land for the construction of new fire station(s).

Total Capital Request: (5 Years) \$ 2,000,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,000,000	1,000,000	-	-	-
Funding Source:					
Reserve Q101 - Sale of Capital Assets	1,000,000	1,000,000	-	-	-
	-	-	-	-	-
Total Funding:	1,000,000	1,000,000	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Land purchase	1,000,000
	-
Total Estimated Work Plan 2015/16	1,000,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,000,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Station Replacements
Project Number:	CB000065
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Terry Gallagher
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

Halifax Regional Fire & Emergency, through their Master Plan, are recommending strategic realignment of their building assets to provide improved service. Relocation of stations will improve service delivery and reduce overlaps; improve public safety outcomes; and improve the effectiveness and efficiency of service. This account will be used to relocate Station 8 (Bedford) and Station 9 (Sackville) to more optimal locations as approved by council Mar 31, 3015.

Total Capital Request: (5 Years) \$ 10,000,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	2,000,000	4,000,000	4,000,000	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	2,000,000	4,000,000	4,000,000	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Halifax City Hall and Grand Parade Restoration
Project Number:	CBX01046
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

HRM is in the middle of a multi-phase, multi-year project to return Grand Parade and the exterior of the City Hall building to its former elegance, and to update the building interior and site to meet current program requirements.

Total Capital Request: (5 Years) \$ 4,950,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Design

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,200,000	1,750,000	250,000	250,000	500,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	2,200,000	1,750,000	250,000	250,000	500,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Flooring public areas	100,000
Mechanical – air handling unit and air distribution	250,000
Mechanical – heating system and controls	100,000
Lighting – public areas	175,000
IT Upgrades	50,000
Level 1,3,4 Recap – offices and washrooms	875,000
Halifax Hall IT Upgrade	50,000
Consulting	75,000
Grand Parade including: wall restoration of St. Paul's, security upgrades, hard landscaping improvements.	900,000
	-
Total Estimated Work Plan 2015/16	2,575,000
Less Projected Carry Forward from Previous Years	375,000
Gross Budget Request for 2015/16	2,200,000

2015/2016 Capital Supplemental Report

Project Name:	HRFE Future Buildings Recapitalization
Project Number:	CB000057
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

In 2012, the Municipality undertook a Building Condition Assessment program to develop a State of Good Repair recapitalization program for municipal buildings. The data formulated a 5-year recapitalization plan which addresses priority buildings for recapitalization and integrates systematic building projects to maintain the assets. This project is the execution of the 2016/17 and 2017/18 years of the recapitalization plan. This scope covers recapitalization of the facility and does not include any recommendations from the Fire Services Master Plan.

Total Capital Request: (5 Years) \$ 5,250,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	2,000,000	3,250,000	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	2,000,000	3,250,000	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	HRM Depot Upgrades
Project Number:	CBX01170
Business Unit:	Transportation & Public Works
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

The project funding is used for depot improvements in the east and west region post corporate realignment of TPW and Parks and Recreation. This project includes the renovation of the Mackintosh buildings to accommodate updates, including washroom, office space and staff support area.

Total Capital Request: (5 Years) \$ 2,200,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	500,000	500,000	500,000	500,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	200,000	500,000	500,000	500,000	500,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Consultant services to define requirements and provide concept drawings and contract documents for interior renovations which will be required	700,000
	-
Total Estimated Work Plan 2015/16	700,000
Less Projected Carry Forward from Previous Years	500,000
Gross Budget Request for 2015/16	200,000

2015/2016 Capital Supplemental Report

Project Name:	HRPD Ident Lab Ventilation
Project Number:	CBX01364
Business Unit:	Halifax Regional Police
Project Manager:	Greg MacKay
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

This project includes the analysis, design and renovation of the ventilation in the Halifax Regional Police Identification Lab. Work will include changes to the ventilation system and cabinetry. Ventilation improvements will make the lab safer and cleaner for staff. Detailed scoping of this project will determine whether the location of the lab will remain at David P. MacKinnon Building or be moved to an alternate location.

Total Capital Request: (5 Years) \$

-

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-
Ongoing Operating Costs	-	-	-	-	-
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs	-	-	-	-	-
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Includes ventilation system, controls, partitions, furniture and operational upgrades	230,000
	-
Total Estimated Work Plan 2015/16	230,000
Less Projected Carry Forward from Previous Years	230,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Hubbards Recreation Centre
Project Number:	CB000043
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

Hubbards Recreation Centre is a two-story wood frame building that requires structural reinforcement of the roof and improvements to the washrooms on the main level, as well as miscellaneous cosmetic repairs.

Total Capital Request: (5 Years) \$ 75,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Design

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	75,000	-	-	-	-
Funding Source:					
Area Rate	75,000	-	-	-	-
	-	-	-	-	-
Total Funding:	75,000	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Washroom upgrades, accessibility upgrades and deferred maintenance	75,000
	-
Total Estimated Work Plan 2015/16	75,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	75,000

2015/2016 Capital Supplemental Report

Project Name: Mechanical (Category 6)
Project Number: CBX01269
Business Unit: Operations Support
Project Manager: Terry Gallagher
Project Type: State of Good Repair
Discrete/Bundled: Bundled
Budget Category: Buildings

Project Summary:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories. Mechanical is asset category #6. This project has been created to fund energy performance, life cycle costing, LEED, condition analysis and recommendations, contract documents, tendering, HVAC, plumbing, sprinklers, boilers, controls, dehumidifiers and refrigeration.

Total Capital Request: (5 Years) \$ 500,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	100,000	100,000	100,000	100,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	100,000	100,000	100,000	100,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Emerging Building Opportunities	430,000
Dartmouth Ferry Terminal HVAC	-
Halifax Ferry Terminal plumbing	-
Ragged Lake Transit Centre - water quality	-
Completion of several projects with already approved funds	-
Project scoping, assessment and design for EMO Emergency Generator	-
Mechanical work in support of the re-roofing project	-
	-
Total Estimated Work Plan 2015/16	430,000
Less Projected Carry Forward from Previous Years	330,000
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Metropark Upgrades
Project Number:	CBX01140
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

Construction of the Metropark was completed in June 2002. The facility is owned by HRM and is operated by Hardman Group Limited under a Management Agreement. Revenues from the parkade fund the Metropark Parkade Reserve (Q125), which in turn funds capital improvements. This is an account that addresses lifecycle deficiencies.

Total Capital Request: (5 Years) \$ 465,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	85,000	90,000	90,000	100,000	100,000
Funding Source:					
Reserve Q125 - Metro Parkade	85,000	90,000	90,000	100,000	100,000
	-	-	-	-	-
Total Funding:	85,000	90,000	90,000	100,000	100,000
Net budget:	-	-	-	-	-
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Capital Upgrades as proposed by Hardman Group	85,000
	-
Total Estimated Work Plan 2015/16	85,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	85,000

2015/2016 Capital Supplemental Report

Project Name:	Multi District Facilities-Upgrades (Bundle)
Project Number:	CB000002
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

This project is the continuation of the multi-year recapitalization of HRM's major sports facilities. In 2015/16, the Municipality will transition the program to discrete projects to provide better reinvestment choices and opportunity for the Municipality to improve project delivery. This bundled project number is to address emerging building opportunities and priorities not captured within planned project delivery.

Total Capital Request: (5 Years) \$ 2,500,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	500,000	500,000	500,000	500,000	500,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	500,000	500,000	500,000	500,000	500,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Flooring, door repair/replacement, mechanical system upgrades, lighting, site work and electrical	500,000
Completion of ongoing projects with funds already approved	35,000
	-
Total Estimated Work Plan 2015/16	535,000
Less Projected Carry Forward from Previous Years	35,000
Gross Budget Request for 2015/16	500,000

2015/2016 Capital Supplemental Report

Project Name:	Musquodoboit Recreation Facility
Project Number:	CB000058
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

Village Plaza, located at 7900 Highway #7, Musquodoboit, houses an HRM library, administration offices and recreation space. In 2014, an interior renovation project was planned to improve the functional use of the space by Recreation Services. Upon contracting an engineer and architect, it was discovered that the electrical system and HVAC systems were insufficient, leaving the space without heat. This work will provide appropriate HVAC and electrical services as well as functional space for the public services provided. The work will address many deferred maintenance items identified in the 2012 Building Condition Assessment.

Total Capital Request: (5 Years) \$

100,000

Supports Outcome Area:

Financial Stewardship (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender Ready

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	-	-	-	-
Ongoing Operating Costs					
	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Work includes: mechanical, electrical, washroom, doors, windows, carpentry, thermal protection	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	North Woodside Community Centre Recapitalization
Project Number:	CB000059
Business Unit:	Parks & Recreation
Project Manager:	Greg Mackay
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

The North Woodside Community Centre has a Facility Condition Index (FCI) of 2.2%. This work will take care of recapitalization requirements over the next five years. Following direction on accessibility, an audit was completed with a construction estimate to make the facility barrier free.

Total Capital Request: (5 Years) \$ 270,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	270,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	270,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Work includes: attic insulation, flooring, electrical upgrades, retaining wall, landscaping, roof repairs, safety upgrades and asbestos abatement.	270,000
Accessibility upgrades to make the facility barrier free	-
Total Estimated Work Plan 2015/16	270,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	270,000

2015/2016 Capital Supplemental Report

Project Name:	Regional Park Washrooms
Project Number:	CB000010
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

The Regional Park Washrooms program will support the construction of washroom facilities in HRM parks. The plan allows for the construction of washrooms adjacent to HRM supervised beaches without any, or where existing facilities have fallen to a low "state of good repair".

Total Capital Request: (5 Years) \$ 4,510,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	1,250,000	1,300,000	60,000	1,900,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	1,250,000	1,300,000	60,000	1,900,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Roof (Category 3)
Project Number:	CBX01272
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

In 2012 and 2013, staff completed Building Condition Assessments on close to 200 municipal buildings. The assessments outlined the need to invest \$16 million (including design, project management and construction work) in roofs over the next five years. Roof recapitalization is the priority investment in a building to ensure protection of other asset investment or reinvestment. A three-year contract with an integrated Roofing Design and Project Management Consultant will be in place to develop best value solicitation strategies and project documents. This project includes the design, project management and implementation.

In 2014/15, HRM awarded a contract to a consultant team to establish priorities and standardized documents for the tendering of roof systems. This is a process improvement which includes tendering buildings as packages rather than individual buildings in an effort to reduce the cost per square foot.

Total Capital Request: (5 Years) \$ 10,700,000

Supports Outcome Area: Financial Stewardship (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,500,000	2,600,000	2,600,000	2,000,000	2,000,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,500,000	2,600,000	2,600,000	2,000,000	2,000,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
The consultants will determine which roofs will be replaced based upon the building condition assessments and the most cost effective sequencing	1,950,000
Candidates based on the condition assessments include: Fire Stations, Administration Buildings, Recreation Centres, Libraries and Depots	-
	-
Total Estimated Work Plan 2015/16	1,950,000
Less Projected Carry Forward from Previous Years	450,000
Gross Budget Request for 2015/16	1,500,000

2015/2016 Capital Supplemental Report

Project Name:	Sackville Sports Stadium
Project Number:	CB000060
Business Unit:	Parks & Recreation
Project Manager:	Nick Allen/Darren Young
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

Sackville Sports Stadium was constructed in the 1980s; many of the building components have reached the end of their lifecycle. The Building Condition Assessment identified Sackville Sports Stadium has a good Facility Condition Index. This project will address deferred maintenance at the facility such as envelope/roofing work and the systematic recapitalization of the arena equipment and systems.

Total Capital Request: (5 Years) \$ 1,280,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,280,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,280,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
State of Good Repair as per the BCA includes; roofing, site work, door repairs/replacements, mechanical, lighting, flooring, accessibility and interior work	1,140,000
Security upgrades	140,000
	-
Total Estimated Work Plan 2015/16	1,280,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,280,000

2015/2016 Capital Supplemental Report

Project Name:	Scotiabank Centre
Project Number:	CB000028
Business Unit:	Parks & Recreation
Project Manager:	Denise Schofield
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

This funding will support the ongoing capital requirements and enhancements of the Scotiabank Centre. Enhancements as outlined in the Sale of Naming Rights process include replacement of the seats and upgrades to the washrooms and concourse. Enhancements should help attract more events and improve customer satisfaction, helping with revenue generation at the facility.

Total Capital Request: (5 Years) \$ 9,235,000

Supports Outcome Area: Economic Development

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Design

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	3,620,000	3,295,000	1,470,000	850,000	-
Funding Source:					
Reserve Q319 - Major Events Facilities Reserve	3,620,000	3,295,000	1,470,000	850,000	-
	-	-	-	-	-
Total Funding:	3,620,000	3,295,000	1,470,000	850,000	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Structural Repairs - exterior concrete & drainage	100,000
Podium upgrades	220,000
Washroom upgrades	300,000
Replace Portable Risers, padded seats and backs, cup holders	1,500,000
Lower Bowl Seat Replacements	900,000
Upper Bowl Seat Replacements	600,000
	-
Total Estimated Work Plan 2015/16	3,620,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	3,620,000

2015/2016 Capital Supplemental Report

Project Name:	Site Work (Category 1)
Project Number:	CBX01271
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

The 2012 and 2013 Building Condition Assessment program identified \$8 million of asphalt work required in the next five years. Staff are preparing a three-year program to address this deferred maintenance and bring the condition of the site work to an acceptable level. The three-year program being assembled has a projected cost of \$4.6 million which includes project management, design and construction work for the priority recapitalization. In 2015/16, HRM will award a contract to a consultant team to establish priorities and standardized documents for the tendering of site work.

Total Capital Request: (5 Years) \$

3,300,000

Supports Outcome Area:

Financial Stewardship (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	700,000	800,000	800,000	500,000	500,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	700,000	800,000	800,000	500,000	500,000

	2015/16	2016/17	2017/18	2018/19	2019/20
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

The consultants will determine which site work will be done based upon the building condition assessments and the most cost effective sequencing.	920,000
Candidates based on the condition assessments include:	-
Fire Stations, Administration Buildings, Recreation Centres, Libraries and Depots	-
	-
Total Estimated Work Plan 2015/16	920,000
Less Projected Carry Forward from Previous Years	220,000
Gross Budget Request for 2015/16	700,000

2015/2016 Capital Supplemental Report

Project Name:	St. Andrew's Community Centre Renovation
Project Number:	CB000011
Business Unit:	Parks & Recreation
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

This renovation will modernize the facility with a concentration on accessibility, deferred maintenance and multi-functioning spaces. The project will remedy deficiencies from the Building Condition Assessment and consider ideas collected from public consultation. Work will include elevator to access second floor, more inviting entrance way and better connection between indoors and exterior green space, technology upgrades, modernization of finishes, redesign of rooms to accommodate more flexible use, landscaping and exterior design such as tables, playground, or active play items, removal of asbestos, modernize security system and safety codes and improved program space.

Total Capital Request: (5 Years) \$

6,100,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	6,100,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	6,100,000	-	-	-
Ongoing Operating Costs					
	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Issue and award RFP for design services	200,000
	-
Total Estimated Work Plan 2015/16	200,000
Less Projected Carry Forward from Previous Years	200,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Structural (Category 4)
Project Number:	CBX01270
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Buildings

Project Summary:

In accordance with the HRM Tangible Capital Asset Policy, buildings are subdivided into seven asset categories. Structural is asset category #2. This project has been created to fund foundations, structural systems, steel, concrete and masonry.

Total Capital Request: (5 Years) \$ 500,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	100,000	100,000	100,000	100,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	100,000	100,000	100,000	100,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Emerging Building Opportunities	255,000
Completion of ongoing projects with already approved funds	-
Halifax Ferry Terminal structural investigation and repairs	-
	-
Total Estimated Work Plan 2015/16	255,000
Less Projected Carry Forward from Previous Years	155,000
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Upper Sackville Recreation Centre Facility
Project Number:	CB000061
Business Unit:	Parks & Recreation
Project Manager:	Bogdan Hadlaw
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Buildings

Project Summary:

This is a recapitalization project resulting from the Building Condition Assessment and the accessibility audit. The facility, located at 2476 Sackville Drive, is considered to be in good shape, only requiring minor investment. The primary work includes new flooring, furnace, well pump and electrical works.

Total Capital Request: (5 Years) \$ 105,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	105,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	105,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Work includes: flooring, furnace, well pump and electrical	105,000
	-
Total Estimated Work Plan 2015/16	105,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	105,000

5 Year Gross Project Budget - Business Tools

Page	Budget Category	Project #	2015	2016	2017	2018	2019
	Business Tools						
B1	Application Recapitalization	CI000002	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
B2	Automated Vehicle Location (AVL)	CID01292	-	1,685,000	-	-	-
B3	Business Intelligence (BI) Program	CI990001	250,000	150,000	100,000	-	-
B4	Close Circuit TV (CCTV) & Infrastructure	CI990016	-	3,000,000	3,000,000	3,000,000	-
B5	Contact Center Telephony Solution	CI990017	740,000	-	-	-	-
B6	Corporate Document/Record Management	CI990018	-	3,070,000	3,120,000	-	-
B7	Council Chambers Technology Upgrade	CI990019	400,000	-	-	-	-
B8	CRM Software Replacement	CI990020	300,000	-	-	-	-
B9	Data Management and Process Review	CI990021	190,000	-	-	-	-
B10	Election Management Solution	CI990015	275,000	-	-	-	-
B11	Electronic Disclosure	CI990022	-	475,000	-	-	-
B12	Electronic File Management HRP	CI990023	555,000	295,000	-	-	-
B13	Employee Intranet	CI990024	-	350,000	-	-	-
B14	Enterprise Asset Management	CID00631	2,090,000	1,815,000	455,000	340,000	-
B15	Enterprise Risk Management	CI990025	-	310,000	-	-	-
B16	Facility Alarms	CI990026	-	950,000	-	-	-
B17	Hansen Revenue Module Replacement	CI990009	-	1,000,000	1,000,000	-	-
B18	Health and Safety Incident Reporting	CI990010	600,000	600,000	-	-	-
B19	HR Employee and Manager Self Service (ESS/MSS)	CI990032	670,000	55,000	-	-	-
B20	HR Service Management Solution	CI990029	-	645,000	-	-	-
B21	HRFE Dispatch Project	CI990027	725,000	235,000	-	-	-
B22	HRFE Fire Data Management (FDM) Review & Enhancements	CI990028	490,000	775,000	-	-	-
B23	ICT Business Tools	CI990004	750,000	750,000	750,000	750,000	750,000
B24	ICT Infrastructure Recapitalization	CI000004	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
B25	Internet Program	CI000001	1,700,000	800,000	-	-	-
B26	Mobile Policing	CI990030	-	580,000	-	-	-
B27	Parking Technology Initiative - PTMS	CI990031	200,000	2,755,000	5,945,000	3,630,000	2,160,000
B28	Permitting, Licensing, and Compliance Replacement Solution	CI990013	600,000	1,700,000	1,000,000	-	-
B29	Portfolio/Project Management Office Tool	CI990033	-	300,000	-	-	-
B30	Recreation Services Software	CI000005	-	1,530,000	1,530,000	1,530,000	-
B31	Salt Weigh Scales	CI990034	-	1,070,000	-	-	-
B32	Service Desk System Replacement	CI990002	110,000	125,000	130,000	135,000	-
B33	Situational Awareness	CI990035	505,000	-	-	-	-
B34	Training and Events Tracking	CI990014	-	800,000	400,000	-	-
B35	Trunk Mobile Radios - TMR	CID01362	740,000	-	-	-	-
	Grand Total		14,690,000	28,620,000	20,230,000	12,185,000	5,710,000

2015/2016 Capital Supplemental Report

Project Name:	Application Recapitalization
Project Number:	CI000002
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Business Tools

Project Summary:

Information, Communications and Technology is implementing best practices in the lifecycle management of its IT application assets, to ensure they are maintained in a state of good repair. This project account consolidates the regular maintenance, upgrading and continuous improvement activities related to HRM's 120 or more IT applications. Each application is monitored and assessed with regard to its operational capability, stability and technology life cycle, and has an associated plan that lays out the required activities that will ensure HRM's suite of IT applications is both highly available and contains secure information.

Total Capital Request: (5 Years) \$

8,000,000

Supports Outcome Area:

Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Application Recapitalization work includes: Software-as-a-Service Application Management Plan, SAP Upgrades / Tactical Improvements, Perform Assessment of IT applications that can be delivered to new mobile devices, Establish Application Development Standards, Access Management Automation, Forms & Workflow with Microsoft SharePoint, Establish new platform for digital forms to reduce the number of paper forms/processes, Develop plan to migrate database management software from Oracle to Microsoft SQL Server, CAD / RMS Technical Upgrade	1,600,000
	-
Total Estimated Work Plan 2015/16	1,600,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,600,000

2015/2016 Capital Supplemental Report

Project Name:	Automated Vehicle Location (AVL)
Project Number:	CID01292
Business Unit:	Operations Support
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Business Tools

Project Summary:

This project involves the selection and implementation of a Corporate Fleet Automatic Vehicle Location (AVL) solution based on the direction identified in the Corporate Fleet AVL Roadmap. Corporate Fleet sources and maintains a fleet of over 1300 vehicles, ranging from passenger vehicles and light trucks to special purpose and service vehicles (e.g. winter works, line painting, etc.). There is a significant reliance on HRM vehicles by both TPW and other business units to support their operations and service delivery.

Total Capital Request: (5 Years) \$

1,685,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	1,685,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	1,685,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:		55,000	490,000	50,000	-
Net Annual Operating Costs:	-	55,000	490,000	50,000	-
One-Time Operating Costs					
Implementation Costs:	-	100,000	-	-	-
Impact to Operating Budget	-	155,000	490,000	50,000	-

Detailed Work Plan 2015/16:

Estimate

(Carry Forward) Planning, requirements and RFP	450,000
(Carry Forward) System and equipment purchase	845,000
	-
Total Estimated Work Plan 2015/16	1,295,000
Less Projected Carry Forward from Previous Years	1,295,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Business Intelligence (BI) Program
Project Number:	CI990001
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Business Tools

Project Summary:

The Business Intelligence (BI) Program delivers improved analytic capabilities to business units in support of fact-based or data-driven decision making. Data from operational systems is cleansed, structured and organized in ways to facilitate and enhance operational, tactical and strategic decision making capabilities across the organization. In 2015/16, BI capabilities will be completed in support of workforce reporting and key performance reporting by business units beginning with Halifax Regional Police.

Total Capital Request: (5 Years) \$

500,000

Supports Outcome Area:

Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	250,000	150,000	100,000	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	250,000	150,000	100,000	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	100,000	-	-	-	-
Net Annual Operating Costs:	100,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	100,000	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Halifax Regional Police (HRP) key performance indicators (KPI) project	270,000
(Carry forward) Master Data Management Strategy (MDM)	100,000
Capability Project #3	50,000
	-
Total Estimated Work Plan 2015/16	420,000
Less Projected Carry Forward from Previous Years	170,000
Gross Budget Request for 2015/16	250,000

2015/2016 Capital Supplemental Report

Project Name:	Close Circuit TV (CCTV) & Infrastructure
Project Number:	CI990016
Business Unit:	Operations Support
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will provide the necessary technology and communication infrastructure to support the organization's Close Circuit TV/video needs. CCTV is growing in strategic importance within HRM business units, including Municipal Facilities Maintenance and Operations, Traffic & Right of Way, Halifax Transit and Halifax Regional Police. There is a strong desire to have real-time monitoring from the over 1,000 security cameras already in place across HRM; however, this is not possible with HRM's existing ICT infrastructure. This project will enable both short and long-term CCTV needs to be met.

Total Capital Request: (5 Years) \$

9,000,000

Supports Outcome Area:

Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	3,000,000	3,000,000	3,000,000	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	3,000,000	3,000,000	3,000,000	-
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Contact Center Telephony Solution
Project Number:	CI990017
Business Unit:	Operations Support
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will replace existing technology with a modern call center solution and advance the business transformation required to leverage the technology capabilities, such as skilled-based routing. The expected business benefits include improvements in the management of wait times, workforce management, reporting on performance indicators, real time reporting, response times as a result of changes in call volumes, business continuity planning without investing in a duplicate solution and improved service to citizens by offering alternative means of contacting call center, such as call-back or online chat.

Total Capital Request: (5 Years) \$ 740,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	740,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	740,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	100,000	-	-	-	-
Impact to Operating Budget	100,000	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Planning	60,000
RFP	125,000
Delivery of new system	555,000
	-
Total Estimated Work Plan 2015/16	740,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	740,000

2015/2016 Capital Supplemental Report

Project Name:	Corporate Document/Record Management
Project Number:	CI990018
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will create and implement one central repository for all electronic documents and records (email, reports, memos, images, audio, etc.) to ensure compliance with legislative record keeping requirements, and improve productivity in all areas of the organization. This project includes the development and implementation of corporate standards and procedures for management of electronic documents and records, and the systematic rollout of corporate documents/records management system to all business units.

Total Capital Request: (5 Years) \$ 6,190,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	3,070,000	3,120,000	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	3,070,000	3,120,000	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	-	150,000	-	-	-
Net Annual Operating Costs:	-	150,000	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	300,000	-	-	-
Impact to Operating Budget	-	450,000	-	-	-

Detailed Work Plan 2015/16:

	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Council Chambers Technology Upgrade
Project Number:	CI990019
Business Unit:	Chief Administrative Office
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will replace outdated technology in City Hall Council Chambers. The current technology limits Regional Council's ability to perform its job efficiently. Components have been failing; there are no longer parts available for replacement. Key technologies include the systems which manage the speaking, voting and presentation process.

Total Capital Request: (5 Years) \$ 400,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	400,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	400,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	30,000	-	-	-	-
Net Annual Operating Costs:	30,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	30,000	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Technology (equipment and installation)	250,000
Minor infrastructure updates (improvements to sight-lines and desk adjustments)	20,000
Temporary relocation of Council during renovations	30,000
Resource requirements	100,000
	-
Total Estimated Work Plan 2015/16	400,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	400,000

2015/2016 Capital Supplemental Report

Project Name:	CRM Software Replacement
Project Number:	CI990020
Business Unit:	Operations Support
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

Customer Relationship Management (CRM) technology is required to manage the replacement of the Hansen CRM module, as well as identify additional potential corporate uses. The funding will support in-depth planning and analysis, as well as provide funding to the ongoing maintenance of the existing technology (which is unsupported and "end of life"), until a replacement initiative can be planned and implemented.

Total Capital Request: (5 Years) \$ 300,000

Supports Outcome Area: Organizational Capacity (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	300,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	300,000	-	-	-	-
Ongoing Operating Costs					
	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:		-	-	-	-
One-Time Operating Costs					
	2015/16	2016/17	2017/18	2018/19	2019/20
Implementation Costs:		-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Analysis of customer relationship management (CRM) corporate opportunity	200,000
Maintenance and risk mitigation of existing unsupported technology	100,000
Total Estimated Work Plan 2015/16	300,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	300,000

2015/2016 Capital Supplemental Report

Project Name:	Data Management and Process Review
Project Number:	CI990021
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will define how the organization manages master data and investigate the processes required to support data capture and management. Additional areas to be addressed include identifying information data stewardship responsibility, maintenance requirements, information sharing (i.e. interfaces between applications), access to information requirements/restrictions and mediums to support standardized data collection and management. This project will also include an electronic file management strategy. The outcomes of this project are expected to provide input into a number of other initiatives that were identified on the recently completed Fire and Emergency Services Roadmap.

Total Capital Request: (5 Years) \$

190,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	190,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	190,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	20,000	20,000	-	-	-
Impact to Operating Budget	20,000	20,000	-	-	-

Detailed Work Plan 2015/16:

Estimate

Business process review, data governance implementation, data standards, data integration	190,000
Project management	-
Total Estimated Work Plan 2015/16	190,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	190,000

2015/2016 Capital Supplemental Report

Project Name:	Election Management Solution
Project Number:	CI990015
Business Unit:	Chief Administrative Office
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

HRM requires a software solution to prepare for the upcoming 2016 Municipal Election. The project entails the following phases: (1) validate current voter data, (2) migrate to a new/upgraded platform to maintain and access that data appropriately, and (3) e-vote preparation, including an e-voting interface and ensuring polling stations are able to communicate polling counts in a timely manner to the central headquarters for results reporting. The benefits include improved integrity and shorter turn around for reporting election results.

Total Capital Request: (5 Years) \$ 275,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	275,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	275,000	-	-	-	-

	2015/16	2016/17	2017/18	2018/19	2019/20
Ongoing Operating Costs					
Annual Operating Costs:	100,000	-	-	-	-
Net Annual Operating Costs:	100,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	100,000	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Project Manager - Delivery	45,000
Solution Architect - Develop	20,000
Developers	100,000
Business Analyst 1	30,000
Business Analyst 2	40,000
Test Lead	40,000
Security Testing	40,000
Equipment and Hardware	15,000
Contingency	55,000
Total Estimated Work Plan 2015/16	385,000
Less Projected Carry Forward from Previous Years	110,000
Gross Budget Request for 2015/16	275,000

2015/2016 Capital Supplemental Report

Project Name:	Electronic Disclosure
Project Number:	CI990022
Business Unit:	Halifax Regional Police
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

Electronic disclosure can provide assistance with the challenge of disclosing evidence to the Crown for prosecutions. Electronic materials can be more portable, easier to store and accessible. There is a risk however, that electronic disclosure will take the form of a massive transfer of electronic files without any organization or ability to access and search the material. This project will address this aspect of electronic disclosure.

Total Capital Request: (5 Years) \$

475,000

Supports Outcome Area:

Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	475,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	475,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Electronic File Management HRP
Project Number:	CI990023
Business Unit:	Halifax Regional Police
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

The Electronic File Management project will define how the organization manages information, while supporting sound information capture and management. The development of a file management strategy and identification of process requirements will include identifying information stewardship responsibility, maintenance requirements, information sharing, access to information requirements/restrictions and mediums to support standardized file collection and management. This project will also provide input into a number of other initiatives on the Halifax Regional Police roadmap.

Total Capital Request: (5 Years) \$ 850,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	555,000	295,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	555,000	295,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	25,000	-	-	-	-
Net Annual Operating Costs:	25,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	80,000	-	-	-	-
Impact to Operating Budget	105,000	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Preliminary analysis	50,000
Planning and requirements	100,000
Delivery	405,000
Total Estimated Work Plan 2015/16	555,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	555,000

2015/2016 Capital Supplemental Report

Project Name:	Employee Intranet
Project Number:	CI990024
Business Unit:	Corporate Communications
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

The Municipality wants to implement a modern, sustainable, secure intranet site where HRM employees have access to relevant information and tools they need to do their jobs. The site will provide a standardized framework and supporting governance structure for publishing and maintaining content. The initial site scope will include the main employee page and skeleton information for business units. Anticipated benefits include improved search capability, present content based on relevance to role, manage lifecycle of content and ensure it remains current, distribute role of content authoring and maintain a standard look and feel.

Total Capital Request: (5 Years) \$ 350,000

Supports Outcome Area: Organizational Capacity (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:		350,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	350,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:		50,000	-	-	-
Impact to Operating Budget	-	50,000	-	-	-

Detailed Work Plan 2015/16:

Estimate

Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Enterprise Asset Management
Project Number:	CID00631
Business Unit:	Operations Support
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Business Tools

Project Summary:

The Enterprise Asset Management (EAM) strategic road map (plan) was completed in April 2012. It defines the vision for an enterprise-wide management program to improve HRM's ability to manage public assets. The primary objective of the EAM Program is to ensure that HRM has sustainable, reliable infrastructure that provides optimal service delivery in support of community health, safety, economic prosperity and quality of life. Six projects are projected to be completed over the next five years.

Total Capital Request: (5 Years) \$

4,700,000

Supports Outcome Area:

Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,090,000	1,815,000	455,000	340,000	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	2,090,000	1,815,000	455,000	340,000	-
Ongoing Operating Costs					
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	190,000	-	-	-	-
Net Annual Operating Costs:	190,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	190,000	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

EAM Project Management Office (PMO) - governance and oversight for EAM projects	485,000
GIS Asset Design Database (GADD) Implementation - new corporate data model, rationalized, standardized, sustainable & extendable	360,000
Operational EAM - Computerized Maintenance and Management System (CMMS) to improve the management of data related to maintenance of fixed infrastructure assets	465,000
Strategic EAM Phase 1 - support for new modernized pavement management solution implemented in	20,000
Fleet Phase 1 - support for CMMS for Fleet assets implemented in 2014/15	130,000
	1,095,000
Total Estimated Work Plan 2015/16	2,555,000
Less Projected Carry Forward from Previous Years	465,000
Gross Budget Request for 2015/16	2,090,000

2015/2016 Capital Supplemental Report

Project Name:	Enterprise Risk Management
Project Number:	C1990025
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

The Municipality needs to proactively manage its organizational, technical, operational and financial risks. An Enterprise Risk Management solution is necessary to properly identify and mitigate acceptable levels of risk exposure, implement controls, monitor its risk environment and embrace innovation on an ongoing basis. An Enterprise Risk Management solution, when utilized effectively, should provide the following benefits to the organization: increase consistency and communication of risks, build risk resiliency, stay ahead of issues and seize opportunities, support continuous process improvement, enhance reporting and analysis of corporate risks (risk data), improve focus, attention and perspective to risk data, support internal decision making, enable transparency, support innovation, enable efficient and effective activities related to regulatory, compliance and audit matters and provide for more cost-effective management and monitoring of risks.

Total Capital Request: (5 Years) \$ 310,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:		310,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	310,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:		50,000	-	-	-
Net Annual Operating Costs:	-	50,000	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	50,000	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Facility Alarms
Project Number:	CI990026
Business Unit:	Operations Support
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

The Municipality is responsible for 260 buildings, their preventative maintenance, safety and life cycle planning. According to legislation, every alarm system in each building requires dedicated communication infrastructure (i.e. separate phone lines are needed for each fire, HVAC, building control and intrusion alarm). To achieve legislative compliance, communication infrastructure, additional phone lines, cellular transmitters and communication network drops are required. Additionally, communication network connections (either local or on the HRM network) for some of the alarms, particularly those that will be replaced in the near future, would enable centralized monitoring and control.

Total Capital Request: (5 Years) \$ 950,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	950,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	950,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:		530,000	-	-	-
Net Annual Operating Costs:	-	530,000	-	-	-
One-Time Operating Costs					
Implementation Costs:		100,000	-	-	-
Impact to Operating Budget	-	630,000	-	-	-

Detailed Work Plan 2015/16:

Estimate

Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Hansen Revenue Module Replacement
Project Number:	CI990009
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project involves the replacement of the existing Hansen Revenue Module. This initiative will evaluate and review the current processes and procedures and investigate alternative technical solutions that include, but are not limited to, SAP.

Total Capital Request: (5 Years) \$

2,000,000

Supports Outcome Area:

Financial Stewardship (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:		1,000,000	1,000,000	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	1,000,000	1,000,000	-	-
Ongoing Operating Costs					
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	-	50,000	-	-	-
Net Annual Operating Costs:	-	50,000	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	350,000	250,000	-	-
Impact to Operating Budget	-	400,000	250,000	-	-

Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Health and Safety Incident Reporting
Project Number:	CI990010
Business Unit:	Human Resources
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

The Municipality requires a modernized solution for the reporting of workplace incidents involving employees. The tracking of incidents is required for auditing process compliance, as well as for identifying and resolving ongoing safety issues to reduce their occurrence. The management of paper incident reports is time consuming and inefficient, making it difficult to track ongoing cases. Manual processes also make the analysis to identify trends and commonalities and define corrective and preventative actions, difficult. Improved information flow and management tools would enable more effective case management, better productivity in auditing, investigation and compliance, and improvements in operating procedures and training.

Total Capital Request: (5 Years) \$ 1,200,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	600,000	600,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	600,000	600,000	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	200,000	-	-	-	-
Impact to Operating Budget	200,000	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Project planning and delivery	785,000
Testing and transition to operations	150,000
	-
Total Estimated Work Plan 2015/16	935,000
Less Projected Carry Forward from Previous Years	335,000
Gross Budget Request for 2015/16	600,000

2015/2016 Capital Supplemental Report

Project Name:	HR Employee and Manager Self Service (ESS/MSS)
Project Number:	C1990032
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

The Employee and Manager Self Service (ESS/MSS) project will provide a self-service platform where employees can access information and tools to manage their personal information, initiate leave requests, submit reimbursable expenses, timesheets, benefit selections and personal development-related information. Similarly, managers through Manager Self-Service will be provided with a full view of staff information and make management decisions such as compensation planning, staffing activities and personnel management. Managers will also be able to approve activities such as employee compensation increases, leave requests, expenses and time sheets. In addition, the payroll business processes will be streamlined and improved for increased efficiency and effectiveness.

Total Capital Request: (5 Years) \$ 725,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	670,000	55,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	670,000	55,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	25,000	-	-	-	-
Net Annual Operating Costs:	25,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	200,000	-	-	-	-
Impact to Operating Budget	225,000	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Planning and RFP	115,000
Detailed requirements, configuration and deployment	400,000
Testing and transition to operations	285,000
	-
Total Estimated Work Plan 2015/16	800,000
Less Projected Carry Forward from Previous Years	130,000
Gross Budget Request for 2015/16	670,000

2015/2016 Capital Supplemental Report

Project Name:	HR Service Management Solution
Project Number:	C1990029
Business Unit:	Human Resources
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project is for an intake and management solution for Human Resources that will provide a service centre front end solution to organize and prioritize HR related service requests. The longer term view of this solution is that it will become the conduit for those requests which cannot be fulfilled using employee or manager self-service (ESS/MSS) resolution options. Benefits include streamlined HR service processes through leveraging IT service automation and standardize operational processes, creation of a single HR system of record for requests and fulfillment, delivery of faster, consistent, quality intake service through automation, recording and improving first level resolution rate, increased accuracy and transparency of service request fulfillment, the ability to measure, manage, and improve customer satisfaction, the use of analytics, dashboards, and reporting for transparency and decision making and assistance in meeting HR Service Level Agreements, and aid compliance.

Total Capital Request: (5 Years) \$ 645,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:		645,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	645,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:		50,000	-	-	-
Net Annual Operating Costs:	-	50,000	-	-	-
One-Time Operating Costs					
Implementation Costs:		100,000	-	-	-
Impact to Operating Budget	-	150,000	-	-	-

Detailed Work Plan 2015/16:

Estimate

Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	HRFE Dispatch Project
Project Number:	CI990027
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project was identified as a priority in the Halifax Regional Fire and Emergency (HRFE) technology roadmap. A review is currently underway to examine existing fire dispatch operations. The findings and recommendations resulting from the review will form the objectives and actions of HRFE's Dispatch Project to improve dispatch operations.

Total Capital Request: (5 Years) \$ 960,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	725,000	235,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	725,000	235,000	-	-	-
Ongoing Operating Costs					
	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	20,000	-	-	-	-
Net Annual Operating Costs:	20,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	50,000	-	-	-	-
Impact to Operating Budget	70,000	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Planning and project management	80,000
Reconfiguration of CAD system for fire dispatch, other priority projects identified in Dispatch Review	645,000
Total Estimated Work Plan 2015/16	725,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	725,000

2015/2016 Capital Supplemental Report

Project Name:	HRFE Fire Data Management (FDM) Review & Enhancements
Project Number:	CI990028
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will review of each of the Fire Data Management (FDM) system modules and will include the technology components as well as the associated business processes and workflows that accompany each module. The review will provide clarity and direction as to how/where the enhancements will focus for the following: 1) Hydrants: Enhance the current implementation of FDM hydrants and permits modules; 2) Inspection Module: Enhance the current implementation of FDM Inspection module; and 3) Incident and Investigation: Enhance the current implementation of FDM Incident and Investigations modules.

Total Capital Request: (5 Years) \$

1,265,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	490,000	775,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	490,000	775,000	-	-	-
Ongoing Operating Costs					
	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	-	50,000	-	-	-
Net Annual Operating Costs:	-	50,000	-	-	-
One-Time Operating Costs					
Implementation Costs:	35,000	-	-	-	-
Impact to Operating Budget	35,000	50,000	-	-	-

Detailed Work Plan 2015/16:

Estimate

Functional review of Fire Data Management (FDM)	200,000
Implementation of fire inspections module with FDM- Phase I	201,000
Project management	89,000
	-
Total Estimated Work Plan 2015/16	490,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	490,000

2015/2016 Capital Supplemental Report

Project Name: ICT Business Tools
Project Number: CI990004
Business Unit: Finance and ICT
Project Manager: Duncan Gillis
Project Type: State of Good Repair
Discrete/Bundled: Bundled
Budget Category: Business Tools

Project Summary:

This project will address a list of smaller technology initiatives not large enough individually to warrant the rigor of the Portfolio Process, but still require a managed investment in technology or external resources. It also addresses the development of the Opportunity Assessments (business cases) and Strategic Roadmaps in preparation for future project budgets.

Total Capital Request: (5 Years) \$ 3,750,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	750,000	750,000	750,000	750,000	750,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	750,000	750,000	750,000	750,000	750,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Operating Costs:	100,000	50,000	50,000	50,000	50,000
Net Annual Operating Costs:	100,000	50,000	50,000	50,000	50,000
One-Time Operating Costs					
Implementation Costs:	20,000	20,000	20,000	20,000	20,000
Impact to Operating Budget	120,000	70,000	70,000	70,000	70,000

Detailed Work Plan 2015/16:

Estimate

Small Projects (Privacy, Activity Tracking, Learning Management, Legal File Management and Payroll processing)	500,000
ICT will be completing Opportunity Assessments for:	-
Telephony (carry forward)	50,000
Alarms	50,000
Hansen Revenue Replacement	50,000
SAP ESS/MSS including Payroll	50,000
ECM (Carry Forward)	50,000
ICT will be completing Roadmaps for:	
SharePoint Strategy (carry forward)	100,000
Integration Strategy	100,000
Smart City (carry Forward)	100,000
Total Estimated Work Plan 2015/16	1,050,000
Less Projected Carry Forward from Previous Years	300,000
Gross Budget Request for 2015/16	750,000

2015/2016 Capital Supplemental Report

Project Name:	ICT Infrastructure Recapitalization
Project Number:	CI000004
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Business Tools

Project Summary:

ICT is implementing best practices in the lifecycle management of its infrastructure assets to ensure they are maintained in a state of good repair. This project consolidates the regular renewal and replacement of base ICT infrastructure (i.e. servers, networks, backup and security technologies, etc.) necessary to deliver technology services to the organization. This project will ensure technology required to run the business of the Municipality is readily available and the information contained therein is secure.

Total Capital Request: (5 Years) \$

6,000,000

Supports Outcome Area:

Organizational Capacity (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Infrastructure Recapitalization	1,200,000
Data Center upgrades/replacements (minor): UPS Replacement, air conditioning unit, camera systems, motion detector, floor replacement	-
Data Center ASD Readiness - A follow-up activity to the 2014/15 planned data center assessment	-
Server Recapitalization - Replacement of server infrastructure nearing end of life	-
Employee Wireless Network Management	-
Fibre Network Management and Strategy	-
Email Service Archiving	-
HRM Infrastructure-as-a-Service for ABCs / other Municipalities	-
Opportunities for ICT to deliver core infrastructure services to other levels of government/municipalities on a cost recovery basis	
- Management Consulting Services	
- IT Service Management Consulting Services	
Intrusion Prevention System Implementation - Equipment and professional services on installation and training	-
Microsoft Systems Center Operations Manager Maintenance	-
Total Estimated Work Plan 2015/16	1,200,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,200,000

2015/2016 Capital Supplemental Report

Project Name:	Internet Program
Project Number:	CI000001
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Business Tools

Project Summary:

Halifax Regional Municipality is working toward making Halifax.ca a modern, advanced and trusted website for its employees, citizens and business community. The Web Transformation Strategy and associated roadmap lays out a series of project initiatives that are the foundation for this evolution. The specific objectives of this project include: meeting current content, mobility and accessibility standards for Canadian municipality websites, positioning the website to meet future needs, including citizen and business self-service and developing a web governance structure that integrates with a more efficient service strategy.

Total Capital Request: (5 Years) \$

2,500,000

Supports Outcome Area:

Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,700,000	800,000			
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,700,000	800,000	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	80,000	-	-	-	-
Net Annual Operating Costs:	80,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	100,000	-	-	-	-
Impact to Operating Budget	180,000	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Project Management Office	250,000
Build and implement 2nd generation website, including content re-write and clean-up	1,075,000
Service strategy review and deployment	320,000
Mobile Application Strategy	55,000
	-
Total Estimated Work Plan 2015/16	1,700,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,700,000

2015/2016 Capital Supplemental Report

Project Name:	Mobile Policing
Project Number:	CI990030
Business Unit:	Halifax Regional Police
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

Halifax Regional Police would like to explore new ways to provide staff with the ability to access and capture information from the field through mobile technology. There are a number of opportunities for the exploration and adoption of new technologies contained in this project. Implementation of the mobile version of Versadex to officers with smart phones and implementation of communication between Trunk Mobile Radios (TMR2) and CAD to provide officer GPS coordinates would be included in the scope of this project. The benefits include increased officer safety through the tracking of radios, increased access to information from RMS and decreased time spent traveling back to the office for information documentation and retrieval.

Total Capital Request: (5 Years) \$ 580,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:		580,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	580,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Parking Technology Initiative - PTMS
Project Number:	CI990031
Business Unit:	Operations Support
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will complete the initial analysis identified in the Parking Strategy Roadmap. This roadmap will identify and sequence several technology projects in the technology, supply/demand and governance streams. In addition, this project will ensure ongoing maintenance of the existing Parking Ticket Management System (PTMS), to maintain functionality until 2016/17, at which time several initiatives will be considered to replace this technology.

The PTMS technology is deemed “end of life”; with that comes an inherent risk of failure. \$100,000 was allocated for analysis of replacement and emergency support in the event the system fails sooner than anticipated.

Total Capital Request: (5 Years) \$ 14,690,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	2,755,000	5,945,000	3,630,000	2,160,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	200,000	2,755,000	5,945,000	3,630,000	2,160,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	245,000	165,000	200,000	-
Impact to Operating Budget	-	245,000	165,000	200,000	-

Detailed Work Plan 2015/16:	Estimate
Technology options analysis and business case	150,000
Contingency funding to ensure continuity of existing PTMS system	50,000
Total Estimated Work Plan 2015/16	200,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	200,000

2015/2016 Capital Supplemental Report

Project Name:	Permitting, Licensing, and Compliance Replacement Solution
Project Number:	CI990013
Business Unit:	Parks & Recreation
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project will replace the current technology used for application and issuance of permits and licenses, as well as compliance activity tracking. The current technology in Hansen is unsupported and at end-of-life. It does not have the ability to support high-value on-line services such as two-way communication, request/acquisition of permits and licenses and e-payments. The work will provide improved services to citizens and business, increase staff efficiencies through streamlined business processes and improved capability to complete "in the field" tasks.

Total Capital Request: (5 Years) \$ 3,300,000

Supports Outcome Area: Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	600,000	1,700,000	1,000,000		-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	600,000	1,700,000	1,000,000	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	100,000	-		-	-
Net Annual Operating Costs:	100,000	-		-	-
One-Time Operating Costs					
Implementation Costs:	250,000	-		-	-
Impact to Operating Budget	350,000	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Project initiation/requirements	100,000
Request for Information (RFI) and Request for Proposal (RFP)	100,000
System purchase, detailed planning and delivery	1,000,000
Total Estimated Work Plan 2015/16	1,200,000
Less Projected Carry Forward from Previous Years	600,000
Gross Budget Request for 2015/16	600,000

2015/2016 Capital Supplemental Report

Project Name:	Portfolio/Project Management Office Tool
Project Number:	CI990033
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This proposal is for the implementation of a Project and Portfolio Management (PPM) tool to support the ICT Portfolio Process and Project Management Office. It is a strategic prioritization methodology used to analyze and manage current or proposed projects within an organization. The aim of PPM is to determine the best grouping and sequencing of projects to achieve business goals, in order to see them through from concept to completion. The ICT "Business Tools" capital budget submission is based on this methodology.

PPM tools are also used to manage and deliver projects in the PMO. PPM tools allow for the consolidation of dashboards for review with sponsors and senior management, and help consolidate and communicate progress, risks and issues associated with projects within the PMO.

Total Capital Request: (5 Years) \$ 300,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:		300,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	300,000	-	-	-
Ongoing Operating Costs					
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:		45,000	-	-	-
Net Annual Operating Costs:	-	45,000	-	-	-
One-Time Operating Costs					
Implementation Costs:		45,000	-	-	-
Impact to Operating Budget	-	90,000	-	-	-

Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Recreation Services Software
Project Number:	CI000005
Business Unit:	Parks & Recreation
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

This project includes the selection, design, configuration and implementation of a software solution to meet the needs of all HRM-owned recreation facilities, including Multi-District facilities and those operated by community boards. The new solution will include program registration, membership management, facility scheduling, equipment rentals and online payment processing. It will replace a number of end of life solutions, including "Class", which will no longer be supported by the vendor in 2017. In the short-term, "Class" requires an upgrade in 2015/16 to remain supported until 2017 and to meet payment compliance requirements. This project's scope includes both the management of the upgrade and the selection and implementation of a longer term solution. Implementation will be phased and will take into consideration the aging solutions in the MDFs that are also at risk. The benefits will include an intuitive, single solution that will provide citizens with a better user experience, greater efficiencies to staff through improved and consistent business processes and the provision of a single solution for all as opposed to multiple systems that cannot communicate with each other.

Total Capital Request: (5 Years) \$

4,590,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	1,530,000	1,530,000	1,530,000	-

Funding Source:	2015/16	2016/17	2017/18	2018/19	2019/20
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	1,530,000	1,530,000	1,530,000	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	-	300,000	-	-	-
Net Annual Operating Costs:	-	300,000	-	-	-

One-Time Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Implementation Costs:	-	175,000	175,000	175,000	-

Impact to Operating Budget	-	475,000	175,000	175,000	-
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Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Salt Weigh Scales
Project Number:	CI990034
Business Unit:	Transportation & Public Works
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

HRM requires an improved Salt Weigh Scale solution. This project will deliver improvements by making enhancements to the existing technology or by implementing a new solution. The benefits of improving the salt weigh scale solution include cost savings in the range of \$500,000 per year by preventing the loss of salt/sand inventory, decreasing time required to improve the existing solution, reducing staff time spent attempting to improve the existing solution, reducing time spent on manual processes, improving management of the salt/sand inventory and increasing accountability of contractors who use salt from HRM's salt domes.

Total Capital Request: (5 Years) \$

1,070,000

Supports Outcome Area:

Financial Stewardship (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	1,070,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	1,070,000	-	-	-

	2015/16	2016/17	2017/18	2018/19	2019/20
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Service Desk System Replacement
Project Number:	CI990002
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Business Tools

Project Summary:

ICT is working to adopt industry best practices to enhance the operation, maintenance and support of HRM's ICT infrastructure and business applications related to the Service Desk System. To be successful, these processes need to be enabled with supporting technology that ensures consistency in execution, optimized service delivery and enhanced reporting capabilities. The purpose of this project is to continue to leverage the capabilities of ServiceNow and its integrated suite of tools to improve management, support and maintenance of HRM's ICT infrastructure and applications through their lifecycle.

Total Capital Request: (5 Years) \$ 500,000

Supports Outcome Area: Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	110,000	125,000	130,000	135,000	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	110,000	125,000	130,000	135,000	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	105,000	10,000	10,000	10,000	-
Net Annual Operating Costs:	105,000	10,000	10,000	10,000	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	105,000	10,000	10,000	10,000	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Service asset and configuration management	110,000
	-
Total Estimated Work Plan 2015/16	110,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	110,000

2015/2016 Capital Supplemental Report

Project Name:	Situational Awareness
Project Number:	CI990035
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

When responding to a disaster, emergency or another type of significant event, the primary goal is to develop a “shared situational awareness” to support the development of an overall coordinated response by all involved. This is referred to as a “Common Operating Picture” (COP), which is graphically represented and often overlaid onto maps. HRM requires a modern, robust and scalable solution for the collection and sharing of situational information which will be available to responding organizations in a timely manner as they respond to an emergency event.

Total Capital Request: (5 Years) \$ 505,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	505,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	505,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	-	30,000	-	-	-
Net Annual Operating Costs:	-	30,000	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	30,000	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Preliminary analysis and project planning	150,000
Request for Proposal (RFP)	80,000
Deploy/implement solution	300,000
Testing and transition to operations	100,000
	-
Total Estimated Work Plan 2015/16	630,000
Less Projected Carry Forward from Previous Years	125,000
Gross Budget Request for 2015/16	505,000

2015/2016 Capital Supplemental Report

Project Name:	Training and Events Tracking
Project Number:	CI990014
Business Unit:	Human Resources
Project Manager:	Duncan Gillis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

This project involves the selection, procurement and implementation of a solution to manage and track training and certifications requested, required and/or completed by HRM employees. Implementing this solution is expected to ensure HRM staff are appropriately trained and certified, improve the efficiency of compliance reporting, reduce non-compliance and associated fines, reduce liability and negative publicity and better manage the training programs.

Total Capital Request: (5 Years) \$ 1,200,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	800,000	400,000	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	800,000	400,000	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:		-	50,000	-	-
Net Annual Operating Costs:		-	50,000	-	-
One-Time Operating Costs					
Implementation Costs:	-	250,000	-	-	-
Impact to Operating Budget	-	250,000	50,000	-	-

Detailed Work Plan 2015/16:	Estimate
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Trunk Mobile Radios - TMR
Project Number:	CID01362
Business Unit:	Finance and ICT
Project Manager:	Duncan Gillis
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Business Tools

Project Summary:

The Provincial Trunk Mobile Radio (TMR) infrastructure serves federal, provincial and municipal radio users throughout the Province of Nova Scotia. HRM users include Halifax Regional Police, Halifax Regional Fire & Emergency, Transportation & Public Works, Halifax Transit and Halifax Water. The current trunk infrastructure supporting radio communications requires replacement prior to May 2015. Also, there is a need to purchase new radios. This is critical technology to support a continuation of existing emergency services to citizens.

Total Capital Request: (5 Years) \$ 740,000

Supports Outcome Area: Governance and Communication (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	740,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	740,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	240,000	-	-	-	-
Net Annual Operating Costs:	240,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	240,000	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Completion of project delivery	740,000
	-
Total Estimated Work Plan 2015/16	740,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	740,000

5 Year Gross Project Budget - Community & Property Development

Page	Budget Category	Project #	2015	2016	2017	2018	2019
	Community & Property Development						
C1	Cogswell Interchange Redevelopment	CT000007	1,250,000	5,000,000	15,000,000	23,000,000	20,000,000
C2	Cultural Structures and Places	CD990003	-	350,000	350,000	350,000	350,000
C3	Downtown Streetscapes - Capital Improvement Campaign	CD000002	3,400,000	3,400,000	3,400,000	3,400,000	3,500,000
C4	HRM Public Art	CDG01135	-	-	-	-	-
C5	Shubenacadie Canal Greenway Trail	CDG00493	1,200,000	1,200,000	-	-	-
C6	Streetscaping in Center Hubs and Corridors	CDV00734	-	1,000,000	1,000,000	1,000,000	1,000,000
	Grand Total		5,850,000	10,950,000	19,750,000	27,750,000	24,850,000

2015/2016 Capital Supplemental Report

Project Name:	Cogswell Interchange Redevelopment
Project Number:	CT000007
Business Unit:	Operations Support
Project Manager:	Jane Fraser
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Community & Property Development

Project Summary:

The redevelopment of the Cogswell Lands has been a long standing objective of Regional Council. In fiscal 2013/14, a technical review and market assessment of the project was undertaken to evaluate the technical feasibility of the project. Based on the results of those studies, it has been determined that it is technically feasible to remove the infrastructure. On May 13, 2014, Regional Council accepted the land plan (organizing concept) for the Cogswell Street Lands. It is anticipated that the proceeds from the sale of land for development will offset the capital costs.

This project includes the removal of the existing Cogswell Interchange infrastructure, the reconstruction of the street pattern, including public realm improvements and opening reclaimed lands for potential development in downtown Halifax.

Total Capital Request: (5 Years) \$

64,250,000

Supports Outcome Area:

Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,250,000	5,000,000	15,000,000	23,000,000	20,000,000
Funding Source:					
Other	1,250,000	5,000,000	15,000,000	23,000,000	20,000,000
	-	-	-	-	-
Total Funding:	1,250,000	5,000,000	15,000,000	23,000,000	20,000,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Hiring of a project manager and the development of a project management office to implement the detailed design of the Cogswell Lands. It is anticipated that there will be a number of consultants hired to carry out detailed design.	2,000,000
	-
Total Estimated Work Plan 2015/16	2,000,000
Less Projected Carry Forward from Previous Years	750,000
Gross Budget Request for 2015/16	1,250,000

2015/2016 Capital Supplemental Report

Project Name:	Cultural Structures and Places
Project Number:	CD990003
Business Unit:	Parks & Recreation
Project Manager:	Denise Schofield
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Community & Property Development

Project Summary:

This is a multi-year project, focussing on the development and maintenance of cultural structures such artifacts, monuments, markers, commemorative signage, public art and banners as outlined in the Cultural Plan and Public Art Policy. This project is funded from the Cultural Development Reserve.

Total Capital Request: (5 Years) \$ 1,400,000

Supports Outcome Area: Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	350,000	350,000	350,000	350,000
Funding Source:					
Reserve Q312 - Culture Development	-	350,000	350,000	350,000	350,000
	-	-	-	-	-
Total Funding:	-	350,000	350,000	350,000	350,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Sullivan's Pond cenotaph and totem pole repairs	200,000
Ongoing repairs and maintenance of HRM public art and monuments including float replacement	50,000
	-
Total Estimated Work Plan 2015/16	250,000
Less Projected Carry Forward from Previous Years	250,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Downtown Streetscapes - Capital Improvement Campaign
Project Number:	CD000002
Business Unit:	Planning & Development
Project Manager:	David Hubley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Community & Property Development

Project Summary:

This project includes funds for priority streetscapes and public spaces for the Regional Centre (Halifax & Dartmouth). These funds are HRM's share of the Capital Improvement Campaign, an initiative to leverage the other levels of government to invest \$50M in the downtown over 5 years, as described in HRM's Economic Strategy and outlined in the Community Planning & Economic Development report dated February 11, 2014, 11.2.1

Total Capital Request: (5 Years) \$ 34,600,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	3,400,000	3,400,000	3,400,000	3,400,000	3,500,000
Funding Source:					
Reserve Q146 - Planned Strategic Projects	3,400,000	3,400,000	3,400,000	3,400,000	3,500,000
	-	-	-	-	-
Total Funding:	3,400,000	3,400,000	3,400,000	3,400,000	3,500,000
Net budget:	-	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
This funding is dedicated to projects in the Regional Centre as identified in the Capital Improvement Campaign submitted to the Community Planning and Economic Development Standing Committee of Regional Council.	3,400,000
	-
Total Estimated Work Plan 2015/16	3,400,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	3,400,000

2015/2016 Capital Supplemental Report

Project Name:	HRM Public Art
Project Number:	CDG01135
Business Unit:	Parks & Recreation
Project Manager:	Denise Schofield
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Community & Property Development

Project Summary:

This is a multi-year project that supports the installation of new, or replacement of existing, public art pieces. These projects are in alignment with the Public Art Policy, and are typically considered during the implementation of other major capital projects.

Total Capital Request: (5 Years) \$ -

Supports Outcome Area: Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	-	-	-	-	-
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Exploration and possible inclusion of dockyard clock into Canal Greenway project	70,000
Contingency for inclusion of public art into other upcoming capital projects	50,000
	-
Total Estimated Work Plan 2015/16	120,000
Less Projected Carry Forward from Previous Years	120,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Shubenacadie Canal Greenway Trail
Project Number:	CDG00493
Business Unit:	Operations Support
Project Manager:	Terry Gallagher
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Community & Property Development

Project Summary:

The Shubenacadie Canal Greenway is located in downtown Dartmouth and follows the historic Shubenacadie Canal. It connects Halifax Harbour with Lake Micmac and Shubie Park, and is comprised of a system of trails and parks owned by HRM. Regional Council has approved a master plan for the Starr Manufacturing Site on Prince Albert Road, and Sullivan's Pond/Lake Banook.

Total Capital Request: (5 Years) \$ 2,400,000

Supports Outcome Area: Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender Ready

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,200,000	1,200,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,200,000	1,200,000	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Construction of Flume House and Interpretation elements of the Shubenacadie Canal Marine Railway	1,200,000
Construction of foundation and placement of cradle on site	-
Excavation and disposal of hazardous materials	-
Environmental permitting	-
Excavation of tailrace	-
Site Services - including electrical, water and sewer services	-
Construction of landscaping elements	-
	-
Total Estimated Work Plan 2015/16	1,200,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,200,000

2015/2016 Capital Supplemental Report

Project Name:	Streetscaping in Center Hubs and Corridors
Project Number:	CDV00734
Business Unit:	Planning & Development
Project Manager:	David Hubley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Community & Property Development

Project Summary:

This project includes the planning, design and implementation of streetscape improvements in Council Priority areas. The project includes improvements such as lighting, benches, signage, pocket parks and minor functional improvements to traffic and transit.

Total Capital Request: (5 Years) \$

9,000,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	1,000,000	1,000,000	1,000,000	1,000,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	1,000,000	1,000,000	1,000,000	1,000,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Streetscaping of Sackville Drive. Scope of work to is still in the planning phase.	1,100,000
	-
Total Estimated Work Plan 2015/16	1,100,000
Less Projected Carry Forward from Previous Years	1,100,000
Gross Budget Request for 2015/16	-

5 Year Gross Project Budget - Equipment & Fleet

Budget Category	Project #	2015	2016	2017	2018	2019
Equipment & Fleet						
D1	EMO Emergency Situational Trailer	CVJ01222	-	-	-	-
D2	Fire Apparatus Replacement	CVJ01088	2,335,000	3,665,000	2,500,000	2,500,000
D3	Fire Services Equipment Replacement	CE010001	880,000	850,000	850,000	850,000
D4	Fire Services Training Simulator	CE010003	100,000	-	-	-
D5	Fire Services Water Supply	CHJ01221	100,000	150,000	150,000	150,000
D6	Fleet Vehicle Replacement	CVD01087	1,185,000	1,500,000	1,500,000	1,400,000
D7	Ice Resurfacers Replacement	CVU01207	125,000	125,000	125,000	125,000
D8	Opticom Signalization System	CEJ01220	80,000	80,000	80,000	80,000
D9	Police Marked Cars	CVK01090	1,400,000	1,400,000	1,400,000	1,800,000
Grand Total			6,205,000	7,770,000	6,605,000	6,505,000

2015/2016 Capital Supplemental Report

Project Name:	EMO Emergency Situational Trailer
Project Number:	CVJ01222
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Larry Hilton
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Equipment & Fleet

Project Summary:

The Emergency Situational Trailer will be used as an alternative mobile operations centre during multi-agency and/or multi-jurisdictional emergencies. It will also provide an alternate emergency operations centre, should the existing centre in the Eric Spicer Building become unusable during an emergency response. The vehicle will be equipped with communications and support equipment capable of accommodating up to twenty people.

Total Capital Request: (5 Years) \$

-

Supports Outcome Area:

Organizational Capacity (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Complete the build of this unit and have it ready for service.	450,000
	-
Total Estimated Work Plan 2015/16	450,000
Less Projected Carry Forward from Previous Years	450,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Fire Apparatus Replacement
Project Number:	CVJ01088
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Larry Hilton
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Equipment & Fleet

Project Summary:

The Fire and Emergency Services apparatus fleet is comprised of 151 units which include aerials, pumpers, tankers, rescues, de-con units, etc. These units are used to support all areas of service for both rural and urban operations. Regular replacement of these units is necessary to support continued operations; the focus is the timely replacement of vehicles that reached the end of their useful life. Units that are being replaced are first stripped of any salvageable equipment that HRM may be able to reuse, then, depending on condition, sold at auction with the revenue assigned to the appropriate reserve(s).

Total Capital Request: (5 Years) \$

14,000,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,335,000	3,665,000	2,500,000	2,500,000	3,000,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	2,335,000	3,665,000	2,500,000	2,500,000	3,000,000
Ongoing Operating Costs	-	-	-	-	-
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs	-	-	-	-	-
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Replacement of vehicles at the end of their lifecycle	2,335,000
	-
Total Estimated Work Plan 2015/16	2,335,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	2,335,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Services Equipment Replacement
Project Number:	CE010001
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	David Clement
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Equipment & Fleet

Project Summary:

This project is dedicated to the replacement of fire services equipment that has reached the end of its useful life. Some examples of the equipment purchased under this account include hoses and related connections, personal protective equipment (PPE) and extrication equipment such as the jaws of life. These equipment purchases were previously in the operating budget but because they meet the thresholds for the tangible capital asset policy, they have been moved under the capital budget.

Total Capital Request: (5 Years) \$

4,280,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender Ready

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	880,000	850,000	850,000	850,000	850,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	880,000	850,000	850,000	850,000	850,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Equipment purchases will continue to be prioritized based on need and as older equipment reaches the end of its useful life.	880,000
Total Estimated Work Plan 2015/16	880,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	880,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Services Training Simulator
Project Number:	CE010003
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Roy Hollet
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Equipment & Fleet

Project Summary:

This project will provide a stationary training simulator that will allow firefighters to practice the technical skills they need for various types of rescues. The simulator will replicate many of the common features that make technical rescues challenging for firefighters. The simulator will allow new students to learn rescue methods in a place that is safe and controllable. The simulator will also enable experienced teams to practice their skills while on duty, reducing overtime costs and rental costs associated with scheduling training exercises based on the availability of privately-owned structures.

Total Capital Request: (5 Years) \$

100,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Purchase of Training Simulator	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Fire Services Water Supply
Project Number:	CHJ01221
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Gord West
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Equipment & Fleet

Project Summary:

This project is the continuation of a long-term program to address water supply issues in the areas of HRM that do not have hydrants. Halifax Regional Fire & Emergency has a responsibility in areas lacking municipal hydrants to quickly establish a water shuttle quickly and maintain the shuttle for long periods of time. A well-planned water delivery system must be in place throughout HRM to efficiently provide fire fighting water supplies to our suppression forces in rural areas.

Total Capital Request: (5 Years) \$

700,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	150,000	150,000	150,000	150,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	150,000	150,000	150,000	150,000
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Identification of suitable locations and installation of dry hydrants	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Fleet Vehicle Replacement
Project Number:	CVD01087
Business Unit:	Transportation & Public Works
Project Manager:	Larry Hilton
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Equipment & Fleet

Project Summary:

Vehicles used by Transportation & Public Works, Finance and ICT, Parks & Recreation, Operations Support and Planning & Development are held in the Corporate Fleet Inventory. There are approximately 447 units in this area. There are approximately 15 different types of vehicles ranging from cars to large snow removal vehicles such as loaders and tandem trucks. The scheduled useful life of these vehicles runs from 7 to 20 years. Vehicles that have reached the end of their scheduled life are reviewed with the client groups; the vehicles that are most in need of replacement are removed from service and new units are purchased.

Total Capital Request: (5 Years) \$

6,985,000

Supports Outcome Area:

Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,185,000	1,500,000	1,500,000	1,400,000	1,400,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,185,000	1,500,000	1,500,000	1,400,000	1,400,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Corporate Fleet issue over forty (40) Tenders and RFPs in order to acquire replacement vehicles on an annual basis	1,185,000
	-
Total Estimated Work Plan 2015/16	1,185,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,185,000

2015/2016 Capital Supplemental Report

Project Name:	Ice Resurfacers Replacement
Project Number:	CVU01207
Business Unit:	Parks & Recreation
Project Manager:	Larry Hilton
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Equipment & Fleet

Project Summary:

HRM either operates directly or supports the operations of many of the ice surfaces in the Municipality. HRM currently owns ten ice-resurfacers. This project provides for the replacement of one ten-year old ice-resurfacer per year. Staff determine annually which unit will be replaced. Corporate Fleet is currently researching the use of electric powered ice-resurfacers. Although they cost more to purchase, they have very low maintenance costs that will save money in the future. The benefits of electric powered ice-resurfacers include the removal of fuel storage and increased indoor air quality.

Total Capital Request: (5 Years) \$

625,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	125,000	125,000	125,000	125,000	125,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	125,000	125,000	125,000	125,000	125,000
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Replacement of one ice-resurfacer	125,000
	-
Total Estimated Work Plan 2015/16	125,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	125,000

2015/2016 Capital Supplemental Report

Project Name:	Opticom Signalization System
Project Number:	CEJ01220
Business Unit:	Halifax Regional Fire & Emergency
Project Manager:	Stephen Nearing
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Equipment & Fleet

Project Summary:

The next generation traffic pre-emption project is a multi-year project of Traffic and Right of Way Services. HRM is migrating infrared Opticom equipped fire apparatus and Opticom intersections to a new GPS-based traffic pre-emption system. To ensure that Fire and Emergency vehicles responding to emergencies can proceed safely through intersections, the Opticom Signalization System clears traffic for responding emergency vehicles. Infrared emitters on the vehicles send out signals to traffic light sensors that cause the lights to change. The signalization system will help to ensure the safety of firefighters and will assist with improved response times.

HRM currently has 20 intersections in southern peninsular Halifax equipped with this new technology within the 2013/14 budget year and we have been expanding northward with another 20 intersections during the 2014/15 budget year. The next budget 2015/16 year will allow us to complete the peninsula and focus on the mainland portion of Halifax.

Total Capital Request: (5 Years) \$ 400,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	80,000	80,000	80,000	80,000	80,000
Funding Source:					
Reserve Q206 - Fire Vehicles and Equipment	80,000	80,000	80,000	80,000	80,000
	-	-	-	-	-
Total Funding:	80,000	80,000	80,000	80,000	80,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Completion of the peninsula and mainland portion of Halifax	80,000
	-
Total Estimated Work Plan 2015/16	80,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	80,000

2015/2016 Capital Supplemental Report

Project Name:	Police Marked Cars
Project Number:	CVK01090
Business Unit:	Halifax Regional Police
Project Manager:	Larry Hilton
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Equipment & Fleet

Project Summary:

Halifax Regional Police has a fleet of 275 vehicles used for patrol, investigation, SWAT surveillance and a variety of other services to the public. The majority of the fleet consists of patrol vehicles, which are heavily used and typically only last two to three years. This project addresses the annual replacement of those vehicles which are at the end of their lifecycle. Units that are replaced are first stripped of any salvageable equipment that HRM may be able to reuse, and depending on condition, sold at auction. Revenues are then assigned to the appropriate reserve(s).

Total Capital Request: (5 Years) \$

7,400,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,400,000	1,400,000	1,400,000	1,400,000	1,800,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,400,000	1,400,000	1,400,000	1,400,000	1,800,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Replacement of approximately 40 police vehicles both marked and unmarked. There will also be a review of the watercraft used to patrol the harbour to determine which may need to be replaced.	1,400,000
	-
	-
Total Estimated Work Plan 2015/16	1,400,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,400,000

5 Year Gross Project Budget - Halifax Transit

Budget Category	Project #	2015	2016	2017	2018	2019	
Halifax Transit							
E1	Access-A-Bus Expansion	CVD00429	230,000	230,000	230,000	230,000	
E2	Access-A-Bus Replacement	CVD00430	1,000,000	700,000	1,300,000	200,000	600,000
E3	Biennial Ferry Refit	CVD00436	200,000	450,000	600,000	600,000	600,000
E4	Bus Stop Accessibility	CBT00432	125,000	125,000	125,000	125,000	125,000
E5	Conventional Bus Expansion	CV020003	-	2,625,000	2,625,000	2,625,000	3,150,000
E6	Conventional Bus Replacement	CV020004	4,230,000	11,155,000	3,880,000	1,010,000	16,160,000
E7	Ferry Replacement	CM000001	4,800,000	-	-	1,200,000	4,800,000
E8	Ferry Terminal Pontoon Rehabilitation	CBX01171	250,000	250,000	250,000	250,000	250,000
E9	Halifax Ferry Terminal	CB000039	730,000	-	-	-	-
E10	Lacewood Terminal Replacement	CB000013	100,000	-	-	-	-
E11	MetroX Bus Replacement	CM020002	-	4,725,000	-	-	-
E12	Mid Life Bus Rebuild	CVD00431	440,000	440,000	300,000	300,000	300,000
E13	Mumford Terminal Replacement	CB000014	-	-	-	-	500,000
E14	New Transit Technology	CM020005	1,000,000	18,675,000	3,140,000	-	-
E15	New/Expanded Transit Centre	CB000017	100,000	-	10,235,000	20,265,000	-
E16	Radio Coverage Infrastructure	CM000004	150,000	-	-	-	-
E17	Replacement Transit Technology	CMU01203	-	-	-	210,000	210,000
E18	Shelters Replacement/Expansion	CBT00437	110,000	110,000	110,000	110,000	110,000
E19	Transit Security	CMU00982	-	300,000	300,000	300,000	300,000
E20	Transit Software	CIU00875	-	-	-	140,000	140,000
E21	Transit Support Vehicle Replacement	CV000004	90,000	75,000	30,000	90,000	330,000
E22	Woodside Ferry Terminal Upgrades	CB000042	500,000	-	-	-	-
E23	Wrights Cove Loop Construction	CR000007	200,000	650,000	1,350,000	-	-
Grand Total			14,255,000	40,510,000	24,475,000	27,655,000	27,805,000

2015/2016 Capital Supplemental Report

Project Name:	Access-A-Bus Expansion
Project Number:	CVD00429
Business Unit:	Halifax Transit
Project Manager:	Glen Bannon
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

Halifax Transit is the primary alternative transportation provider in Halifax. The need to expand the area of service within the community continues to grow each year. Through the expansion of service, Halifax Transit is able to encourage increased Access-A-Bus ridership thereby making transit services the transportation choice of citizens.

Total Capital Request: (5 Years) \$ 1,150,000

Supports Outcome Area: Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender Ready

How advanced are the budget estimates? Class D, C, B or A Class A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	230,000	230,000	230,000	230,000	230,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	230,000	230,000	230,000	230,000	230,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	29,000	-	-	-	-
Annual Operating Costs:	220,200	-	-	-	-
Net Annual Operating Costs:	191,200	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	2,400	-	-	-	-
Impact to Operating Budget	193,600	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Procure two expansion vehicles	230,000
	-
Total Estimated Work Plan 2015/16	230,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	230,000

2015/2016 Capital Supplemental Report

Project Name:	Access-A-Bus Replacement
Project Number:	CVD00430
Business Unit:	Halifax Transit
Project Manager:	Glen Bannon
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

In order to recapitalize the para-transit fleet, replace older Access-A-Bus vehicles to ensure safe and reliable para-transit service delivery and develop a more extensive and environmentally friendly public transportation system. The buses are replaced on an as-needed basis, based on their point in the vehicle lifecycle. The average useful life of the bus is 5-7 years.

Total Capital Request: (5 Years) \$ 3,800,000

Supports Outcome Area: Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender ready

How advanced are the budget estimates? Class D, C, B or A Class A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,000,000	700,000	1,300,000	200,000	600,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,000,000	700,000	1,300,000	200,000	600,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Procure ten replacement vehicles	1,000,000
	-
Total Estimated Work Plan 2015/16	1,000,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,000,000

2015/2016 Capital Supplemental Report

Project Name:	Biennial Ferry Refit
Project Number:	CVD00436
Business Unit:	Halifax Transit
Project Manager:	Glen Bannon
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

This project supports a regular program of preventative maintenance and permits inspections and work that can only be conducted while a vessel is in dry dock. Typical work includes steel work, propeller maintenance, hull and superstructure paint work and engine repair or replacement. One of Halifax Transit's four ferries is scheduled for this work each calendar year on a rotating basis.

Total Capital Request: (5 Years) \$ 2,450,000

Supports Outcome Area: Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender ready

How advanced are the budget estimates? Class D, C, B or A Class A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	450,000	600,000	600,000	600,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	200,000	450,000	600,000	600,000	600,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Woodside I Control System Upgrade	500,000
Woodside I Boiler System Changeout	175,000
Woodside I Interior Finish Upgrades	200,000
	-
Total Estimated Work Plan 2015/16	875,000
Less Projected Carry Forward from Previous Years	675,000
Gross Budget Request for 2015/16	200,000

2015/2016 Capital Supplemental Report

Project Name:	Bus Stop Accessibility
Project Number:	CBT00432
Business Unit:	Halifax Transit
Project Manager:	Amy Power
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

This project will enhance and improve the accessibility of transit stops to provide safe entry to the conventional transit system through the installation of new concrete landing pads, repairing and upgrading existing pads, replacing pads that are not repairable and other physical changes that improve accessibility.

Total Capital Request: (5 Years) \$ 625,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Design**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	125,000	125,000	125,000	125,000	125,000

Funding Source:

	-	-	-	-	-
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Total Funding:

	-	-	-	-	-
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Net budget:

	125,000	125,000	125,000	125,000	125,000
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Ongoing Operating Costs

Net Annual Operating Costs:	2015/16	2016/17	2017/18	2018/19	2019/20
	-	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-	-
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Impact to Operating Budget

	-	-	-	-	-
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Detailed Work Plan 2015/16:

Estimate

New landing pads - new pads for new service, new pads to support conversion to accessible route	50,000
Repair/upgrade landing pads - any repairs, relocating of a stop on existing accessible low-floor (ALF) routes	62,500
Shelter pad replacement - to replace existing shelter pads in order to maintain the accessibility of the shelter at the bus stop	12,500
	-
Total Estimated Work Plan 2015/16	125,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	125,000

2015/2016 Capital Supplemental Report

Project Name:	Conventional Bus Expansion
Project Number:	CV020003
Business Unit:	Halifax Transit
Project Manager:	Dave Reage
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

This project is for the purchase of new buses for the expansion and improvement of conventional transit service. Service expansion could be service to new areas or increased frequency on existing routes. In 2015/16, there will be no buses purchased for the expansion of service.

Total Capital Request: (5 Years) \$ 11,025,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	2,625,000	2,625,000	2,625,000	3,150,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	2,625,000	2,625,000	2,625,000	3,150,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

N/A - no purchase in 2015/16	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Conventional Bus Replacement
Project Number:	CV020004
Business Unit:	Halifax Transit
Project Manager:	Dave Reage
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

Recapitalization of the Halifax Transit Fleet includes the acquisition of transit buses to replace an aging fleet. Buses are identified for replacement to best meet the ongoing demands of providing safe, reliable transit service that is responsive to the ever changing demographics of HRM.

In 2015/16, nine 12.2m buses will be purchased to replace older buses due for retirement. Halifax Transit's goal is to retire buses at the age of 18 years. The buses being replaced by this order exceed 18 years. The replacement of these older buses provides many benefits. Newer buses are more environmentally friendly, more reliable, provide accessible low-floor service and are less costly to maintain than older buses.

Total Capital Request: (5 Years) \$

36,435,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender ready

How advanced are the budget estimates? Class D, C, B or A

Class A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	4,230,000	11,155,000	3,880,000	1,010,000	16,160,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	4,230,000	11,155,000	3,880,000	1,010,000	16,160,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Purchase nine 12.2m transit buses	4,230,000
	-
Total Estimated Work Plan 2015/16	4,230,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	4,230,000

2015/2016 Capital Supplemental Report

Project Name:	Ferry Replacement
Project Number:	CM000001
Business Unit:	Halifax Transit
Project Manager:	Glen Bannon
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

Vessels in the current fleet of ferries are aging (the Halifax III and Dartmouth III entered service in 1979, and the Woodside I entered service in 1986). In order to support sustainable ferry operations into the future, the Ferry Replacement project represents the first major effort for capital replacement in the Ferry Division in recent years. Design, construction, fit out and certification of the Replacement Ferries will be funded under this project. It is anticipated that two ferries will be procured, with one entering service in fiscal year 2015/16 and the other in fiscal year 2016/17. A third ferry may follow at a later date.

Total Capital Request: (5 Years) \$

10,800,000

Supports Outcome Area:

Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender ready

How advanced are the budget estimates? Class D, C, B or A

Class A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	4,800,000	-	-	1,200,000	4,800,000
Funding Source:					
Reserve Q129 - Ferry Replacement	1,580,000	-	-	-	-
	-	-	-	-	-
Total Funding:	1,580,000	-	-	-	-
Net budget:	3,220,000	-	-	1,200,000	4,800,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Procure Hull 2 and procure Voith Schneider propeller units	4,800,000
	-
Total Estimated Work Plan 2015/16	4,800,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	4,800,000

2015/2016 Capital Supplemental Report

Project Name:	Ferry Terminal Pontoon Rehabilitation
Project Number:	CBX01171
Business Unit:	Halifax Transit
Project Manager:	Glen Bannon
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

The pontoons and adjoining ramps at Halifax Transit's ferry terminals were constructed in 1978 (Alderney and Halifax) and 1986 (Woodside). The planned and corrective maintenance activities implemented in support of these structures over the years have been inadequate, and a significant effort is now required to correct serious deficiencies and protect these structures to preserve their lifespan.

Corrective maintenance activities include steelwork, electrical work, repair and replacement of interior and exterior coatings, repairs to the cathodic protection system and safety improvements at all three terminals.

The first phase of major corrective maintenance activities at the Alderney and Halifax terminals has been completed. The Woodside Ferry Terminal pontoon will be completely replaced in the Fall of 2014.

Total Capital Request: (5 Years) \$ 1,250,000

Supports Outcome Area: Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender ready

How advanced are the budget estimates? Class D, C, B or A Class A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	250,000	250,000	250,000	250,000	250,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	250,000	250,000	250,000	250,000	250,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Overhead Door Replacement - Alderney and Halifax Ferry Terminals	200,000
Cathodic Protection System Maintenance and Upgrade - Alderney and Halifax Ferry Terminals	100,000
Ramp Window Repair and Replacement - Alderney and Halifax Ferry Terminals	100,000
Various Electrical, Steel and Paintwork - Halifax and Alderney Pontoons	150,000
	-
Total Estimated Work Plan 2015/16	550,000
Less Projected Carry Forward from Previous Years	300,000
Gross Budget Request for 2015/16	250,000

2015/2016 Capital Supplemental Report

Project Name: Halifax Ferry Terminal
Project Number: CB000039
Business Unit: Halifax Transit
Project Manager: Glen Bannon
Project Type: State of Good Repair
Discrete/Bundled: Discrete
Budget Category: Halifax Transit

Project Summary:

The Halifax Ferry Terminal was constructed in 1978. While basic planned and corrective maintenance activities have been undertaken since construction, the terminal is in need of a significant cosmetic upgrade in order to improve the customer experience and enhance the corporate image. In addition, a site capability analysis is planned to investigate the long-term potential for the facility.

Upgrades planned include interior paintwork, tilework, windows, lighting, doorways (addition of vestibules and enhanced accessibility hardware), signage, washrooms, security station and installation of technology (monitors for information display).

Total Capital Request: (5 Years) \$ 730,000

Supports Outcome Area: Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	730,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	730,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Site capability analysis	230,000
Renovations including paintwork, tilework, technology upgrades, signage, accessibility improvements, lighting, washrooms renovations and other miscellaneous items	500,000
	-
Total Estimated Work Plan 2015/16	730,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	730,000

2015/2016 Capital Supplemental Report

Project Name:	Lacewood Terminal Replacement
Project Number:	CB000013
Business Unit:	Halifax Transit
Project Manager:	Greg MacKay
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

The Lacewood Terminal in Clayton Park is overcapacity, and increases to transit service in the area are not possible without replacing the Terminal. A 12-14 bay transit terminal is to be constructed on Lacewood Drive between the Canada Games Centre and Mainland North Linear Parkway Trail. It will include layover space, operator facilities, an interior passenger waiting area and public washrooms. The terminal will have an architectural style similar to the newly constructed bridge terminal in Dartmouth. The project will be completed in early 2015/16.

Total Capital Request: (5 Years) \$ 100,000

Supports Outcome Area: Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Permits and Approvals Secured

How advanced are the budget estimates? Class D, C, B or A Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Completion of facility	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	MetroX Bus Replacement
Project Number:	CM020002
Business Unit:	Halifax Transit
Project Manager:	Dave Reage
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

Recapitalization of the Halifax Transit Fleet includes the acquisition of Transit buses to replace an aging fleet. Buses are identified for replacement to best meet the ongoing demands of providing safe, reliable transit service that is responsive to the ever changing demographics of Halifax.

Nine transit buses would be purchased to replace older MetroX buses that will be due for retirement. The replacement of these older buses is required to maintain service continuity.

Total Capital Request: (5 Years) \$ 4,725,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured N/A

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	4,725,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	4,725,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Mid Life Bus Rebuild
Project Number:	CVD00431
Business Unit:	Halifax Transit
Project Manager:	Wendy Lines
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

The purpose of this initiative is to extend the life of conventional transit vehicles and defer the capital cost of new asset acquisition. This program will extend the useful life of the buses while reducing repair/maintenance costs for the remaining years of service.

Total Capital Request: (5 Years) \$

1,780,000

Supports Outcome Area:

Financial Stewardship

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	440,000	440,000	300,000	300,000	300,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	440,000	440,000	300,000	300,000	300,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

17 Conventional Transit Vehicles rebuilt	440,000
	-
Total Estimated Work Plan 2015/16	440,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	440,000

2015/2016 Capital Supplemental Report

Project Name:	Mumford Terminal Replacement
Project Number:	CB000014
Business Unit:	Halifax Transit
Project Manager:	Patricia Hughes
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

The existing Mumford Terminal is both overcapacity and aging and needs to be upgraded or replaced. In 2019/20, funding will be used for studies and design work to allow for construction in 2020/21.

Total Capital Request: (5 Years) \$

500,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	500,000

Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	500,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-

One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-

Impact to Operating Budget	-	-	-	-	-
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Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	New Transit Technology
Project Number:	CM020005
Business Unit:	Halifax Transit
Project Manager:	Phil Herritt
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

This project budget will be used to fund the various technological projects and support functions being identified in the Metro Transit technological road map. These projects will include a transit specific AVL solution that will include a new base AVL system to provide accurate data to assist in business decisions, multiple public interfaces and stop annunciation. Once these base solutions are delivered, Metro Transit will start further projects including fare management systems, automated passenger counters, Access-A-Bus passenger upgrades including online registration, trip booking and confirmations. The project will also provide the staff and equipment to support and maintain the solutions going forward. The life cycles of the solutions will be varied depending on the technology.

Total Capital Request: (5 Years) \$

22,815,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

N/A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,000,000	18,675,000	3,140,000	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,000,000	18,675,000	3,140,000	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	434,500	-	-	-	-
Net Annual Operating Costs:	434,500	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	172,000	-	-	-	-
Impact to Operating Budget	606,500	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Implementation of AVL + Project	17,125,000
Implement Fare Collection System	-
Implement Additional Hastus Modules	-
Implement Driver Simulator	-
RFP Process for Para Transit Solution	-
PMO Operation	-
Implement Hastus Version Upgrade	-
Total Estimated Work Plan 2015/16	17,125,000
Less Projected Carry Forward from Previous Years	16,125,000
Gross Budget Request for 2015/16	1,000,000

2015/2016 Capital Supplemental Report

Project Name:	New/Expanded Transit Centre
Project Number:	CB000017
Business Unit:	Halifax Transit
Project Manager:	Eddie Robar
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

The existing Halifax Transit maintenance and storage facilities are nearing capacity. A new or expanded facility is required to accommodate growth and transit service increases. In 2015/16, funding will be used to commission a study to investigate the potential of expanding the existing Burnside Transit Facility.

Total Capital Request: (5 Years) \$ 30,600,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	-	10,235,000	20,265,000	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	-	10,235,000	20,265,000	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Commission a study to investigate capability of the Burnside Transit Centre for expansion	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Radio Coverage Infrastructure
Project Number:	CM000004
Business Unit:	Halifax Transit
Project Manager:	Phil Herritt
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

A radio coverage study to investigate Halifax Transit's current radio communications infrastructure for conventional transit and Access-A-Bus. The study will examine the coverage provided by our current infrastructure and, if required, make recommendations on improving our radio coverage within our service area.

Total Capital Request: (5 Years) \$

150,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	150,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	150,000	-	-	-	-
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Completing a radio coverage study	150,000
	-
Total Estimated Work Plan 2015/16	150,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Replacement Transit Technology
Project Number:	CMU01203
Business Unit:	Halifax Transit
Project Manager:	Phil Herritt
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

Implementation, replacement and expansion of Metro Transit Technological solutions. The technical solutions, depending on the age of the components, may need to be replaced or expanded in vehicles, workspaces and buildings. Technological solutions that will require replacement include vehicle and building CCTV/Access Control infrastructure, UHF and TMR communications equipment, public facing information infrastructure, computers, monitors and telecommunication devices.

Total Capital Request: (5 Years) \$

420,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	210,000	210,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	210,000	210,000
Ongoing Operating Costs					
	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	4,600	-	-	-	-
Net Annual Operating Costs:	4,600	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	4,600	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Implementation of Recording System at Ragged Lake Transit Centre	68,000
Replacement of Public Facing Remote Data Terminal (RDT)	10,000
Implement internal communications system at Transit locations	150,000
Total Estimated Work Plan 2015/16	228,000
Less Projected Carry Forward from Previous Years	228,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Shelters Replacement/Expansion
Project Number:	CBT00437
Business Unit:	Halifax Transit
Project Manager:	Amy Power
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

This project will replace old and outdated bus shelters and determine continued expansion of the current shelter program. Halifax Transit's bus shelter inventory is aging as many were installed as early as the 1970s and are in poor repair. Shelters have a limited lifespan and older shelters can pose safety concerns when the structure approaches its failure point. Expansion of bus shelters to provide shelter for a growing customer base is needed.

Total Capital Request: (5 Years) \$

550,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	110,000	110,000	110,000	110,000	110,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	110,000	110,000	110,000	110,000	110,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Shelter purchase - purchase of approximately 15 shelters	70,000
Construction Cost - removal/re-install of shelters include removal/re-install during sidewalk construction	32,000
Shelter pads - install of approximately 5 replacement shelter pads	8,000
	-
Total Estimated Work Plan 2015/16	110,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	110,000

2015/2016 Capital Supplemental Report

Project Name:	Transit Security
Project Number:	CMU00982
Business Unit:	Halifax Transit
Project Manager:	Doug Mosher
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

Transit Security projects include augmentation and installation of security features for transit assets. These initiatives will assist HRM to mitigate risk and to increase security over the next number of years. Increased security has many added benefits such as increased comfort to passengers as well as protection of HRM employees and assets from issues such as vandalism, fraud, mischief and theft. Fleet retrofit and stabilization of mobile CCTV systems, at an expected cost of \$1.44M (over 4 years) to retrofit entire fleet is based on a per bus cost of approximately \$4,800.

Total Capital Request: (5 Years) \$

1,200,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender Ready

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	300,000	300,000	300,000	300,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	300,000	300,000	300,000	300,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	85,000	-	-	-	-
Net Annual Operating Costs:	85,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	85,000	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Approximately 62 buses per year at \$4,800/unit	300,000
	-
Total Estimated Work Plan 2015/16	300,000
Less Projected Carry Forward from Previous Years	300,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Transit Software
Project Number:	CIU00875
Business Unit:	Halifax Transit
Project Manager:	Phil Herritt
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

This project will achieve efficiencies in the daily operations of HRM's public transit system. The software includes an Analysis Module and an Employee Performance Module. The Analysis Module is a tool which determines the optimal mix of shift scheduling so that the correct number of employees are hired. The Employee Performance Module (EPM) is a tracking system which tracks employee performance such as safety and accident records.

Total Capital Request: (5 Years) \$

280,000

Supports Outcome Area:

Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

N/A

How advanced are the budget estimates? Class D, C, B or A

N/A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	140,000	140,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	140,000	140,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Implement Employee Performance Module (EPM)	670,000
	-
Total Estimated Work Plan 2015/16	670,000
Less Projected Carry Forward from Previous Years	670,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Transit Support Vehicle Replacement
Project Number:	CV000004
Business Unit:	Halifax Transit
Project Manager:	Glen Bannon
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Halifax Transit

Project Summary:

Halifax Transit currently has a fleet of eight (8) supervisor vehicles that operate twenty two and a half (22.5) hours a day, year round. These vehicles incur high mileage and this project will replace vehicles as they reach the end of their lifecycle.

Total Capital Request: (5 Years) \$

615,000

Supports Outcome Area:

Transportation

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender Ready

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	90,000	75,000	30,000	90,000	330,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	90,000	75,000	30,000	90,000	330,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Procure three (3) transit support vehicles	90,000
	-
Total Estimated Work Plan 2015/16	90,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	90,000

2015/2016 Capital Supplemental Report

Project Name:	Woodside Ferry Terminal Upgrades
Project Number:	CB000042
Business Unit:	Halifax Transit
Project Manager:	Glen Bannon
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

The Woodside Ferry Terminal was constructed in 1986 and is in need of upgrades to improve the customer experience. This project has been spread over two fiscal years, and includes renovations such as new tile, new flooring, painting throughout, upgrading the retail space, relocating the commissionaire's desk, installing new technology such as monitors, new lighting, new signage, exterior renovations to improve the building entrance and traffic/pedestrian flow and replacement/installation of escalators.

Total Capital Request: (5 Years) \$

500,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	500,000	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	500,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Renovations include paint, ceramic tile, windows and internal structural work	500,000
	-
Total Estimated Work Plan 2015/16	500,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	500,000

2015/2016 Capital Supplemental Report

Project Name:	Wrights Cove Loop Construction
Project Number:	CR000007
Business Unit:	Halifax Transit
Project Manager:	Patricia Hughes
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Halifax Transit

Project Summary:

The creation of a transit turning loop at Wrights Cove will facilitate transit routings and passenger transfers. This project includes costs associated with construction of a bus turning loop and associated amenities.

Total Capital Request: (5 Years) \$

2,200,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	650,000	1,350,000	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	200,000	650,000	1,350,000	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Loop Design	200,000
	-
Total Estimated Work Plan 2015/16	200,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	200,000

5 Year Gross Project Budget - Industrial Parks

Budget Category		Project #	2015	2016	2017	2018	2019
Page	Industrial Parks						
F1	Aerotech Repositioning & Dvlmnt	CQ000007	95,000	500,000	6,250,000	-	-
F2	Burnside & City of Lakes Development	CQ000008	5,500,000	8,165,000	10,440,000	500,000	8,500,000
F3	Ragged Lake Development	CQ000006	-	500,000	-	7,900,000	-
Grand Total			5,595,000	9,165,000	16,690,000	8,400,000	8,500,000

2015/2016 Capital Supplemental Report

Project Name:	Aerotech Repositioning & Dvlmnt
Project Number:	CQ000007
Business Unit:	Operations Support
Project Manager:	John Fawcett, Engineer, Design & Construction Services, TPW
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Industrial Parks

Project Summary:

This project will facilitate economic development through the creation of new commercial/industrial lots within Aerotech Business Park. Aerotech was originally created as a specialty park for the aerospace, research and technology industry. In 2004, a zoning exercise commenced for Aerotech that would make the park available to a broader range of commercial/industrial uses. This re-zoning exercise, along with the sales and marketing of Aerotech lot inventory, was put on hold due to sewer capacity limits. Halifax Water has studied the service capacity issues and has identified potential solutions to allow for continued development of the Airport and Aerotech. There is presently lot inventory within Aerotech that has street frontage. Once the service capacity is resolved, these existing lands would be marketed first before creating new lot inventory.

Total Capital Request: (5 Years) \$

6,845,000

Supports Outcome Area:

Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	95,000	500,000	6,250,000	-	-
Funding Source:					
Reserve Q121 - Business Parks	95,000	500,000	6,250,000	-	-
	-	-	-	-	-
Total Funding:	95,000	500,000	6,250,000	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs

Net Annual Operating Costs:

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
	-	-	-	-	-

One-Time Operating Costs

Implementation Costs:

	-	-	-	-	-
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Impact to Operating Budget

	-	-	-	-	-
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Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Park Expansion Feasibility Study/Concept Plan	150,000
	-
Total Estimated Work Plan 2015/16	150,000
Less Projected Carry Forward from Previous Years	55,000
Gross Budget Request for 2015/16	95,000

2015/2016 Capital Supplemental Report

Project Name:	Burnside & City of Lakes Development
Project Number:	CQ000008
Business Unit:	Operations Support
Project Manager:	John Fawcett, Engineer, Design & Construction Services, TPW
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Industrial Parks

Project Summary:

This project will support economic development objectives through the creation of new industrial/commercial land inventory as per the Regional Plan within the Burnside Business Park and premiere suburban office inventory, within City of Lakes Business Park. Development of Phase 12 Burnside will continue in 2015/16 to provide consistent delivery of, and upgrades to, infrastructure within the park in terms of new lot inventory. This will include the associated new streets, sidewalks, bike lanes and services. The capital budget presents an aggressive lot inventory development strategy to provide for a minimum 3-year supply. Should market factors change, or a less aggressive development approach be undertaken, the estimated costs in the capital budget will be spread out over a longer period. There is generally estimated to be 10 years of potential Burnside lot inventory left and the final phase to be built would be in 2021/22. (based on a market absorption of 40 acres per year increasing to 50 acres in year 6).

Total Capital Request: (5 Years) \$

33,105,000

Supports Outcome Area:

Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	5,500,000	8,165,000	10,440,000	500,000	8,500,000
Funding Source:					
Reserve Q121 - Business Parks	5,500,000	8,165,000	10,440,000	500,000	8,500,000
	-	-	-	-	-
Total Funding:	5,500,000	8,165,000	10,440,000	500,000	8,500,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs

Net Annual Operating Costs:	2015/16	2016/17	2017/18	2018/19	2019/20
	-	-	-	-	-

One-Time Operating Costs

Implementation Costs:	2015/16	2016/17	2017/18	2018/19	2019/20
	-	-	-	-	-

Impact to Operating Budget

Impact to Operating Budget	2015/16	2016/17	2017/18	2018/19	2019/20
	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
New Lot Inventory Construction/Service Including the Completion of Phase 12-6 Streets and Services	7,000,000
Phase 13-1 Interchange/Access Infrastructure	5,000,000
NSTIR will complete the construction of required infrastructure with cost sharing from HRM	-
Miscellaneous second lifts of asphalt	1,000,000
Schedule to be driven by build-out of phases and coordinated/tendered by Project Planning & Design	-
Total Estimated Work Plan 2015/16	13,000,000
Less Projected Carry Forward from Previous Years	7,500,000
Gross Budget Request for 2015/16	5,500,000

2015/2016 Capital Supplemental Report

Project Name:	Ragged Lake Development
Project Number:	CQ000006
Business Unit:	Operations Support
Project Manager:	John Fawcett, Engineer, Design & Construction Services, TPW
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Industrial Parks

Project Summary:

As per the Regional Plan/RP+5, the municipally-owned lands at the Ragged Lake Business Park provide opportunity for future expansion of the park. In the immediate term, sewer capacity issues will restrict further expansion until the servicing issue is resolved. The area will require further study and re-zoning in order to accommodate this expansion.

In 2014/15 HRM issued an RFP for a conceptual plan and development feasibility analysis for a potential expansion of the Ragged Lake Industrial Park. The RFP is anticipated to be awarded in Fall 2015 and once complete, will assist staff in providing any recommendations to Regional Council regarding future potential expansion activities.

Total Capital Request: (5 Years) \$

8,400,000

Supports Outcome Area:

Economic Development (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	500,000	-	7,900,000	-
Funding Source:					
Reserve Q121 - Business Parks	-	500,000	-	7,900,000	-
	-	-	-	-	-
Total Funding:	-	500,000	-	7,900,000	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

5 Year Gross Project Budget - Parks & Playgrounds

Budget Category		Project #	2015	2016	2017	2018	2019
Page	Parks & Playgrounds						
G1	Cole Harbour Turf	CP110002	100,000	2,200,000	-	-	-
G2	Cornwallis Park Master Plan Implementation Phase 1	CP000011	200,000	200,000	200,000	-	-
G3	Fort Needham Master Plan Implementation	CP000012	125,000	500,000	500,000	-	-
G4	Halifax Common Master Plan & Implementation	CP000013	160,000	1,500,000	2,000,000	600,000	-
G5	Mainland Common Artificial Turf Renewal	CP110001	1,850,000	-	-	-	-
G6	Park Assets - State of Good Repair	CP000002	680,000	600,000	600,000	600,000	600,000
G7	Park Land Acquisition	CPX01149		500,000	500,000	500,000	500,000
G8	Parks, Sports Courts & Fields - Service Improvement	CP000004	235,000	800,000	800,000	800,000	800,000
G9	Point Pleasant Park Master Plan Implementation	CP000006	25,000	1,400,000	-	-	-
G10	Point Pleasant Park Stone Wall Restoration	CP000009	-	500,000	500,000	500,000	500,000
G11	Public Gardens Upgrades	CPX01193	300,000	250,000	50,000	50,000	50,000
G12	Regional Trails Active Transportation	CPX01196	850,000	850,000	850,000	850,000	850,000
G13	Regional Water Access/ Beach Upgrades	CPX01331	100,000	650,000	650,000	650,000	650,000
G14	Sports Fields/Courts - State of Good Repair	CP000003	850,000	1,500,000	1,500,000	1,500,000	1,500,000
G15	Western Common Master Plan Implementation	CP000014	-	50,000	50,000	50,000	-
Grand Total			5,475,000	11,500,000	8,200,000	6,100,000	5,450,000

2015/2016 Capital Supplemental Report

Project Name:	Cole Harbour Turf
Project Number:	CP110002
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Parks & Playgrounds

Project Summary:

This project includes the re-development of the municipally-owned Gordon Bell site and field, into a Class A all-weather turf sports field with lighting. Associated facilities will include a parking lot, a stormwater detention system and a barrier-free, accessible pedestrian pathway system. Technical feasibility assessments and design work will be carried out in 2015/16 with construction commencing in 2016/17.

Total Capital Request: (5 Years) \$ 2,300,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	2,200,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	2,200,000	-	-	-
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Technical Assessment and design documents	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Cornwallis Park Master Plan Implementation Phase 1
Project Number:	CP000011
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Parks & Playgrounds

Project Summary:

Redevelopment of Cornwallis Park is to be undertaken as per the concept plan developed by Real Property Planning in 2013, and presented to the public in May 2014. The overall approach is to upgrade the existing facilities in the park including the play area and the more formal park areas. This will be a phased approach including upgrades to pathways, lighting, site furniture and play equipment. This redevelopment provides the opportunity to reorganize some of the activities within the park, most notably the relocation of the play area to a more suitable location to provide better grading and accessibility.

Total Capital Request: (5 Years) \$ 600,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Design**

How advanced are the budget estimates? Class D, C, B or A **Class 'C'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	200,000	200,000	-	-
Funding Source:					
Provincial Cost Sharing	75,000	-	-	-	-
	-	-	-	-	-
Total Funding:	75,000	-	-	-	-
Net budget:	125,000	200,000	200,000	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Concrete walkways	28,000
Fencing	25,000
Benches	12,000
Landscaping	15,000
Planting beds	10,000
Lighting	20,000
Play equipment/surfacing	75,000
Removal/demolition of existing assets	10,000
Trees	5,000
Total Estimated Work Plan 2015/16	200,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	200,000

2015/2016 Capital Supplemental Report

Project Name:	Fort Needham Master Plan Implementation
Project Number:	CP000012
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Parks & Playgrounds

Project Summary:

The Fort Needham Master Plan will identify capital projects and park improvements to be implemented in preparation for the Halifax Explosion 100th Anniversary in 2017. The projects include detailed concept plans and an implementation strategy that identifies capital projects, estimated costs and a phasing approach. The result will be the renewal and long-term park plan for Fort Needham Memorial Park, that balances the local recreational needs with the conservation of the Park's regional significance as an important cultural landscape.

Total Capital Request: (5 Years) \$ 1,125,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	125,000	500,000	500,000	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	125,000	500,000	500,000	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Procure consulting services for detail design and construction documents	125,000
	-
Total Estimated Work Plan 2015/16	125,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	125,000

2015/2016 Capital Supplemental Report

Project Name:	Halifax Common Master Plan & Implementation
Project Number:	CP000013
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Parks & Playgrounds

Project Summary:

In 1994, Halifax City Council approved the Halifax Common Plan. This document provided direction for design and use of the city-owned land and open space within the Halifax Common land grant. A review will be undertaken of the 1994 Plan to update the policies and governance for the Historic Halifax Common and produce a plan for the redevelopment of the Central Common. In 2010, a Park Improvement Plan was approved for the North Common. The intent is to continue the implementation of this plan by upgrading the existing asphalt paths, lighting and drainage.

Total Capital Request: (5 Years) \$ 4,260,000

Supports Outcome Area: Healthy Communities

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured concept

How advanced are the budget estimates? Class D, C, B or A Class C

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	160,000	1,500,000	2,000,000	600,000	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	160,000	1,500,000	2,000,000	600,000	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Consulting services for Halifax Common Master Plan	100,000
Consulting Services for detail design and construction drawings for North Common upgrades	60,000
	-
Total Estimated Work Plan 2015/16	160,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	160,000

2015/2016 Capital Supplemental Report

Project Name:	Mainland Common Artificial Turf Renewal
Project Number:	CP110001
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Parks & Playgrounds

Project Summary:

The Mainland Common All-Weather Field Complex was completed in August 2003. The turf area is 178,200 sq ft and is a high use field. A condition assessment was conducted in 2012 and determined this field has reached the end of its useful life. In addition, expansion is required in order to allow for a football field that can be set up with less impact on the turf, reducing maintenance and prolonging the life of the field.

Total Capital Request: (5 Years) \$

1,850,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,850,000	-	-	-	-
Funding Source:					
Provincial Cost Sharing	150,000	-	-	-	-
	-	-	-	-	-
Total Funding:	150,000	-	-	-	-
Net budget:	1,700,000	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Removal and replacement of the existing turf and expansion of the north field	1,850,000
	-
Total Estimated Work Plan 2015/16	1,850,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,850,000

2015/2016 Capital Supplemental Report

Project Name: Park Assets - State of Good Repair
Project Number: CP000002
Business Unit: Parks & Recreation
Project Manager: Margaret Soley
Project Type: State of Good Repair
Discrete/Bundled: Bundled
Budget Category: Parks & Playgrounds

Project Summary:

This program is designed to improve the quality of our open space and play experiences. The decision to renew a park depends on community needs, location and condition of existing equipment. Playground equipment is assessed annually, following Canadian Safety Association (CSA) standards, to ensure equipment is safe and functional.

Total Capital Request: (5 Years) \$

3,080,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	680,000	600,000	600,000	600,000	600,000
Funding Source:					
Provincial Cost Sharing	125,000	-	-	-	-
	-	-	-	-	-
Total Funding:	125,000	-	-	-	-
Net budget:	555,000	600,000	600,000	600,000	600,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Yetter Park Play Structure Replacement	40,000
Laurie Lively Park Upper Sackville Play Structure Replacement	40,000
Ridgevale Park Play Structure Replacement	40,000
Henry Finlay Park Lake Banook Play Structure Replacement	40,000
Lake of the Woods Play Structure Replacement	40,000
Graves Oakley Park (Leiblin Drive) Tot Equipment Replacement	30,000
Silver Sands Beach Park Parking Lot	30,000
Oathill Lake landscaping Upgrades	20,000
Sheldrake Lake Play Structure Replacement	30,000
Fuller Terrace Playground Replacement	30,000
Cole Harbour Place Stairs & accessible path	125,000
DeWolf Park Waterfront Playground Replacement	375,000
Kerry Drive Playground Replacement	30,000
Carry Forward to complete prior years projects	500,000
Total Estimated Work Plan 2015/16	1,370,000
Less Projected Carry Forward from Previous Years	690,000
Gross Budget Request for 2015/16	680,000

2015/2016 Capital Supplemental Report

Project Name:	Park Land Acquisition
Project Number:	CPX01149
Business Unit:	Parks & Recreation
Project Manager:	Peter Stickings
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Parks & Playgrounds

Project Summary:

This project will fund acquisition and purchase of strategic parklands in support of the HRM's regional park and trails system. In addition to the smaller strategic acquisitions, Regional Council has authorized staff to work on several larger strategic open space properties of joint interest with the Province of Nova Scotia.

Total Capital Request: (5 Years) \$ 2,000,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	500,000	500,000	500,000	500,000
Funding Source:					
Reserve Q107 - Parkland Development	-	500,000	500,000	500,000	500,000
	-	-	-	-	-
Total Funding:	-	500,000	500,000	500,000	500,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
This is an opportunity account to purchase parkland, as it becomes available, to create or expand Regional Parks, Regional Active Transportation Trails, District and Neighbourhood Parks and Trails	500,000
	-
Total Estimated Work Plan 2015/16	500,000
Less Projected Carry Forward from Previous Years	500,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Parks, Sports Courts & Fields - Service Improvement
Project Number:	CP000004
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Parks & Playgrounds

Project Summary:

This program provides for the development of new sports courts, fields, parks and playgrounds throughout HRM. New projects proposed for 2015/16 include: Off-leash dog park, Service Dog Park, completion of final phase for Mount Royale Park development and expansion of the James MacPhee Memorial Ball Field parking lot.

Total Capital Request: (5 Years) \$ 3,435,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	235,000	800,000	800,000	800,000	800,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	235,000	800,000	800,000	800,000	800,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
James MacPhee Memorial Ball Field Parking Lot Expansion	50,000
Off-leash Dog Park - Mainland Common	120,000
Service Dog Park	40,000
Completion of Mount Royale with new and approved funds	225,000
MacDonald Park consulting and design with approved funds	300,000
	-
Total Estimated Work Plan 2015/16	735,000
Less Projected Carry Forward from Previous Years	500,000
Gross Budget Request for 2015/16	235,000

2015/2016 Capital Supplemental Report

Project Name:	Point Pleasant Park Master Plan Implementation
Project Number:	CP000006
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Parks & Playgrounds

Project Summary:

A park development plan was prepared as part of the 2008 Point Pleasant Park Comprehensive Plan. It described opportunities to improve the visual and practical aspects of the Park. All three main entrances were identified to be redeveloped to provide a clear definition for visitor arrival and transition into the park. In 2011, through the Infrastructure Stimulus Funding program, implementation of the Tower Road entrance parking lot, and the northern portion of the Harbour Entrance parking lot were completed. The redevelopment of the lower parking lot at the Harbour entrance will be the continuation of this work and will include the installation of new lighting. The new layout will orient the parking to the park rather than the container pier, frame harbour views and provide better facilities for transit stops and cycling.

Total Capital Request: (5 Years) \$

1,425,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class D

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	25,000	1,400,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	25,000	1,400,000	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Consulting services for detail design development, construction drawings and permit application	75,000
	-
Total Estimated Work Plan 2015/16	75,000
Less Projected Carry Forward from Previous Years	50,000
Gross Budget Request for 2015/16	25,000

2015/2016 Capital Supplemental Report

Project Name:	Point Pleasant Park Stone Wall Restoration
Project Number:	CP000009
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Parks & Playgrounds

Project Summary:

A survey of the stone wall that defines a large portion of the perimeter boundary of Point Pleasant Park was undertaken by structural engineers to determine its condition and identify the requirement for restoration and maintenance. The perimeter stone fence is approximately two kilometers long. It starts near the intersection of Franklyn Street and Chain Rock Drive. From this starting point, it goes north along Franklin to the intersection at Point Pleasant Drive, turning east following Point Pleasant Drive to the parking lot. From this point, the wall continues past the Look-off parking lot gate and continues around the perimeter of the Look-off parking lot. In general, the work required includes repointing of stone work, replacement of damaged and missing stones, reconstruction of the concrete cap that is damaged, fractured or displaced, and in some locations, dismantling and rebuilding of sections of the wall.

Total Capital Request: (5 Years) \$ 2,000,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'C'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	500,000	500,000	500,000	500,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	500,000	500,000	500,000	500,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Public Gardens Upgrades
Project Number:	CPX01193
Business Unit:	Parks & Recreation
Project Manager:	Kevin Rideout
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Parks & Playgrounds

Project Summary:

Immediate priorities identified in the Cultural Asset Study of the Halifax Public Gardens built heritage assets, include restoration of the perimeter fencing and stabilization of the concrete bridges. Restoration of ornamental steel fencing around the Public Gardens includes removal, sand blasting, priming and reinstallation. Work will start on the southwest side of the Public Gardens along Spring Garden to Summer Street. The remaining portions are planned for completion over the next two years.

Total Capital Request: (5 Years) \$ 700,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Design

How advanced are the budget estimates? Class D, C, B or A Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	300,000	250,000	50,000	50,000	50,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	300,000	250,000	50,000	50,000	50,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Disassemble, repair, paint and reassemble a portion of the ornamental steel fencing	250,000
Stabilization of concrete bridges	50,000
Completion of ongoing phase of fence restoration with already approved funds	445,000
	-
Total Estimated Work Plan 2015/16	745,000
Less Projected Carry Forward from Previous Years	445,000
Gross Budget Request for 2015/16	300,000

2015/2016 Capital Supplemental Report

Project Name: Regional Trails Active Transportation
Project Number: CPX01196
Business Unit: Parks & Recreation
Project Manager: Paul Euloth
Project Type: Service Improvements
Discrete/Bundled: Bundled
Budget Category: Parks & Playgrounds

Project Summary:

The Regional Trails envelope contains the current recommended community projects from the Halifax Regional Trails Association, as well as a strategic active transportation greenway initiative for the Sackville River Greenway. All projects are active transportation greenway network initiatives, identified in the recently approved Active Transportation Priorities Plan. The Sackville River Greenway is shovel ready, after several years of planning and design, and was specifically highlighted in the original AT Plan and confirmed in the recent priorities AT Plan. Continued priority is also being given to the State of Good Repair of the built AT network, which totals over two hundred kilometres.

Total Capital Request: (5 Years) \$

4,250,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	850,000	850,000	850,000	850,000	850,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	850,000	850,000	850,000	850,000	850,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	85,000	-	-	-	-
Net Annual Operating Costs:	85,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	85,000	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Atlantic View Trail - Lookoff with observation platform and 2km surface recapitalization	66,000
Beechville Lakeside Timberlea - Surface recapitalization of 2.5 km of existing AT Greenway Trail	19,200
Carroll's Corner Walking Trail - Next phase of multi-year greenway project to Dutch Settlement (TCT)	50,000
Chain of Lakes Trail - Trail head parking lot improvements and bridge (reinstatement by Halifax Water)	50,000
Cole Harbour Trail - Detailed design work for Forest Hills greenway - Rehab Lands, Jennifer Place and recap	94,000
Halifax Urban Greenway - Waste receptacles and signage on previously completed trailway	13,500
Shore Active Transportation - Feasibility/detailed design of Chezzetcook Acadian Marsh Greenway	50,000
Sackville Lakes Parks & Trails - Second Lake AT greenway connection to Armcrest (Beaverbank Road)	24,500
Sackville Rivers Trail - Section B of greenway - subject to special case approval of carry forward funding	945,000
Shubenacadie Watershed Environmental Protection - 3 priority Km road Greenway connections	91,000
Woodens River - Parking lot refinements of wilderness parking lot St. Margarets Bay Road	1,800
Total Estimated Work Plan 2015/16	1,405,000
Less Projected Carry Forward from Previous Years	555,000
Gross Budget Request for 2015/16	850,000

2015/2016 Capital Supplemental Report

Project Name:	Regional Water Access/Beach Upgrades
Project Number:	CPX01331
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Parks & Playgrounds

Project Summary:

This program supports the development of infrastructure to access HRM's lakes, beaches and harbour fronts. Included in this project is life-cycle refurbishment of HRM-owned wharfs, boat launches and seawalls. The scope of work for the Northwest Arm seawall project includes the continuation of the construction of a granite rock seawall, asphalt walkway, drainage and associated reinstatement. The Sir Sandford Fleming Park (Dingle) Boat Launch provides public boating and recreational access to the Northwest Arm. The existing single ramp is damaged and has deteriorated beyond repair.

Total Capital Request: (5 Years) \$ 2,700,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Design**

How advanced are the budget estimates? Class D, C, B or A **Class 'B'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	100,000	650,000	650,000	650,000	650,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	100,000	650,000	650,000	650,000	650,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Sir Sandford Fleming Park (Dingle) Boat Launch Replacement	100,000
Northwest Arm Seawall Restoration with funds approved in previous years	1,100,000
Complete prior years' projects with carry forward	300,000
	-
Total Estimated Work Plan 2015/16	1,500,000
Less Projected Carry Forward from Previous Years	1,400,000
Gross Budget Request for 2015/16	100,000

2015/2016 Capital Supplemental Report

Project Name:	Sports Fields/Courts - State of Good Repair
Project Number:	CP000003
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Parks & Playgrounds

Project Summary:

This program provides for the life-cycle refurbishment of sports courts and sports fields. Projects included under this program include replacement of outmoded lighting systems at various fields throughout the Park system. Projects include Eddie Leblanc Ball Field Upgrades and Merv Sullivan Lighting design. The Eddie Leblanc Ball Field is located on First Lake Drive in Sackville. The purpose of new lighting at this field is to allow for the closing of the Correctional Centre Field located on the Cobequid Road. The Merv Sullivan Field, located at Leeds Street and Novalea Drive, north end Halifax, has an old lighting system that no longer provides light levels acceptable to industry standards. The existing poles and fixtures need to be demolished. New poles, fixtures and electrical control equipment will be installed.

Total Capital Request: (5 Years) \$

6,850,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	850,000	1,500,000	1,500,000	1,500,000	1,500,000
Funding Source:					
Provincial Cost Sharing	150,000	-	-	-	-
	-	-	-	-	-
Total Funding:	150,000	-	-	-	-
Net budget:	700,000	1,500,000	1,500,000	1,500,000	1,500,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Completion of Eddie Leblanc Ball Field Upgrade	550,000
Merv Sullivan Memorial Park Lighting	300,000
Completion of prior years projects	875,000
Canada Games Diamond - South Commons	-
Eddie Leblanc Field - Replacement of Dugouts on Diamond #1 and upgrades to Diamond #2	-
Meadowbrook Fields - Backstops and benches	-
Rockmanor Court - Court Infrastructure	-
Total Estimated Work Plan 2015/16	1,725,000
Less Projected Carry Forward from Previous Years	875,000
Gross Budget Request for 2015/16	850,000

2015/2016 Capital Supplemental Report

Project Name:	Western Common Master Plan Implementation
Project Number:	CP000014
Business Unit:	Parks & Recreation
Project Manager:	Margaret Soley
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Parks & Playgrounds

Project Summary:

The Western Common Wilderness Common Master Plan was completed and approved by Regional Council in 2010. The strategic purpose of the Western Common is to protect the environmental assets of the area as well as provide for wilderness recreation. The current Phase 1 of the five-phase 50-year master plan for the implementation of the Park involves creation of the Nichols Lake Day Park.

Total Capital Request: (5 Years) \$ 150,000

Supports Outcome Area: Healthy Communities

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	50,000	50,000	50,000	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	50,000	50,000	50,000	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Development of Nichols Lake Park (Phase I) will commence in 2015/16 with already approved funds from the Regional Trails account (CPX01196)	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

5 Year Gross Project Budget - Roads & Streets

	Budget Category	Project #	2015	2016	2017	2018	2019
Page	Roads & Streets						
H1	Bridges	CRU01077	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000
H2	Municipal Operations - State of Good Repair	CR990002	2,100,000	2,115,000	2,115,000	2,115,000	2,115,000
H3	New Paving Streets - HRM Owned Roads	CR000002	500,000	500,000	500,000	500,000	500,000
H4	New Paving Subdivision St's Provincial	CR990001	275,000	500,000	500,000	500,000	500,000
H5	Other Road Related Works	CRU01079	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000
H7	Storm Sewer Upgrades	CR000001	500,000	200,000	200,000	200,000	200,000
H8	Street Recapitalization	CR000005	25,100,000	30,000,000	30,000,000	30,000,000	30,000,000
Grand Total			31,975,000	38,815,000	38,815,000	38,815,000	38,815,000

2015/2016 Capital Supplemental Report

Project Name:	Bridges
Project Number:	CRU01077
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Roads & Streets

Project Summary:

The Level 2 Bridge Inspection Program outlines work required in the short (5 years) and long term (10 year). The Bridge program is developed from the work plan prepared as part of the deliverables identified in the Level 2 Bridge Inspection Program.

Total Capital Request: (5 Years) \$

29,000,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Hornes Road Replacement	395,000
Victoria Road CN Overpass - parapet wall repairs	40,000
Barrington St. over railway - Cost shared with Province	20,000
Barrington St. inbound over MacKay ramp	20,000
Rosley Rd. - design only	100,000
Sackville Cross Road - Replacement	1,275,000
Old Sackville Road (Hwy 101) BR39 and BR40	500,000
Level 3 Inspections	50,000
Miscellaneous Bridge Repairs	100,000
	-
Total Estimated Work Plan 2015/16	2,500,000
Less Projected Carry Forward from Previous Years	500,000
Gross Budget Request for 2015/16	2,000,000

2015/2016 Capital Supplemental Report

Project Name:	Municipal Operations - State of Good Repair
Project Number:	CR990002
Business Unit:	Transportation & Public Works
Project Manager:	Chris Mitchell
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Roads & Streets

Project Summary:

The State of good repair budget to maintain the transportation network has been renamed and expanded to include activities that used to be budgeted in operating such as: sidewalk slab replacement, bridge recapitalization, guide rail maintenance, road shoulder repair, micro surfacing, and pot hole repair.

Total Capital Request: (5 Years) \$

16,135,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,100,000	2,115,000	2,115,000	2,115,000	2,115,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	2,100,000	2,115,000	2,115,000	2,115,000	2,115,000
Ongoing Operating Costs	-	-	-	-	-
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs	-	-	-	-	-
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Sidewalks	1,200,000
Bridges	200,000
Retaining walls, guard rails, curb and gutters, steps	400,000
Drainage	300,000
	-
Total Estimated Work Plan 2015/16	2,100,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	2,100,000

2015/2016 Capital Supplemental Report

Project Name:	New Paving Streets - HRM Owned Roads
Project Number:	CR000002
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Roads & Streets

Project Summary:

This program addresses the paving of HRM owned and maintained gravel roads. Local Improvement charges apply to these projects. The paving of these roads improves rideability and reduces maintenance costs.

Total Capital Request: (5 Years) \$

5,000,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	500,000	500,000	500,000	500,000	500,000
Funding Source:					
Local Improvement Charge (LIC)	250,000	250,000	250,000	250,000	250,000
	-	-	-	-	-
Total Funding:	250,000	250,000	250,000	250,000	250,000
Net budget:	250,000	250,000	250,000	250,000	250,000

Ongoing Operating Costs

	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	20,000	-	-	-	-
Net Annual Operating Costs:	20,000	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-	-
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Impact to Operating Budget

	20,000	-	-	-	-
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Detailed Work Plan 2015/16:

Estimate

Emmerson Drive - Rutledge to End	76,000
Potential candidate locations will be presented to Regional Council once assessment is completed	424,000
	-
Total Estimated Work Plan 2015/16	500,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	500,000

2015/2016 Capital Supplemental Report

Project Name:	New Paving Subdivision St's Provincial
Project Number:	CR990001
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Roads & Streets

Project Summary:

This program is directed towards the paving of gravel roads outside the HRM core that are owned and maintained by the Province. Local Improvement charges and Provincial funding apply. The project is contingent on the Nova Scotia Department Transportation and Infrastructure Renewal, continuing the Aid to Municipalities Program and approving this project.

Total Capital Request: (5 Years) \$

4,775,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	275,000	500,000	500,000	500,000	500,000
Funding Source:					
Local Improvement Charge (LIC)	137,500	250,000	250,000	250,000	250,000
Provincial Cost Sharing	137,500	250,000	250,000	250,000	250,000
	-	-	-	-	-
Total Funding:	275,000	500,000	500,000	500,000	500,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs

Net Annual Operating Costs:

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
	-	-	-	-	-

One-Time Operating Costs

Implementation Costs:

	-	-	-	-	-
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Impact to Operating Budget

	-	-	-	-	-
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Detailed Work Plan 2015/16:

Estimate

Crouchers Point Rd. (Peggy's Cove Road to End of Cul de Sac)	275,000
	-
Total Estimated Work Plan 2015/16	275,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	275,000

2015/2016 Capital Supplemental Report

Project Name:	Other Road Related Works
Project Number:	CRU01079
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Roads & Streets

Project Summary:

This project covers funding required for a variety of items, including installation of new guiderails and retaining walls, upgrade of existing guiderails and retaining walls, upgrading of walkways, asphalt testing programs and materials testing requirements for capital projects.

Total Capital Request: (5 Years) \$

26,500,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed List on next page	Estimate
	1,700,000
	-
Total Estimated Work Plan 2015/16	1,700,000
Less Projected Carry Forward from Previous Years	200,000
Gross Budget Request for 2015/16	1,500,000

Capital Project Supplementary Report

Project Name: Other Road Related Works	Project # CRU01079
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PROJECT/LOCATION	ESTIMATE
Materials Testing	\$450,000
Guide Rails	District
1315 Rocky Lake Dr (new)	1 \$225,000
Barrington St @ Wilson Fuels	8 \$40,000
St. Margarets Bay Rd @ Chain Lake (new)	12 \$110,000
Thompson Run @ Club House Run	13 \$20,000
Glen Arbour Way @ Thompson Run	13 \$20,000
1077 to 1099 Shore Rd	16 \$20,000
Total Guide Rails	\$435,000
Walkways	District
Steed Crt to Stuart Harris Dr	3 \$40,000
Dorothea Dr to Skyvue Terr	3 \$10,000
Coventry Ln to Fireside Dr	4 \$40,000
170 Poplar Dr to Sirius Cres	4 \$15,000
110 Poplar Dr to Elm St	4 \$20,000
146 Poplar Dr to Sirius Cres	4 \$25,000
Total Walkways	\$150,000
Retaining Walls	District
Rockcliffe St (2 locations)	7 \$300,000
73 St Margaret's Bay Rd	9 \$50,000
Herring Cove Rd @ Roundabout - investigation only	9 \$20,000
Alex St @ Main Ave	10 \$20,000
250 Sackville Dr	15 \$10,000
Misc. Locations	\$100,000
Total Retaining Walls	\$500,000
Asphalt Investigations	\$165,000
Geotechnical Investigations, Pavement Designs, Mix Designs, etc.	
	Total Estimate <u>\$1,700,000</u>
Summary of Budget Breakdown:	
2014/15 Other Road Related Work Budget	\$1,500,000
Projected Carry Forward	\$200,000
	Total Budget <u>\$1,700,000</u>

2015/2016 Capital Supplemental Report

Project Name:	Storm Sewer Upgrades
Project Number:	CR000001
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Roads & Streets

Project Summary:

This account was created as a contingency to fund storm sewer upgrades where it is in the best interest of HRM to contribute to a storm sewer upgrade, where the current system is insufficient, and where the road structure is being negatively impacted. Upon completion of interim infrastructure solution, Council will make a decision on long term funding.

Total Capital Request: (5 Years) \$

2,300,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	500,000	200,000	200,000	200,000	200,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	500,000	200,000	200,000	200,000	200,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
List to be determined pending completion of a strategic plan	500,000
	-
Total Estimated Work Plan 2015/16	500,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	500,000

2015/2016 Capital Supplemental Report

Project Name:	Street Recapitalization
Project Number:	CR000005
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Roads & Streets

Project Summary:

The projects included under Street Recapitalization include street renewal, street resurfacing, asphalt overlays, micro surfacing, patching, and crack sealing. Priorities are based on criteria which include Surface Distress Index, alignment with other stakeholders/projects, etc.

Total Capital Request: (5 Years) \$ 320,100,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	25,100,000	30,000,000	30,000,000	30,000,000	30,000,000
Funding Source:					
Halifax Water Cost Sharing	400,000	-	-	-	-
Private Cost Sharing	700,000	-	-	-	-
	-	-	-	-	-
Total Funding:	1,100,000	-	-	-	-
Net budget:	24,000,000	30,000,000	30,000,000	30,000,000	30,000,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Detailed list on next Page	25,400,000
	-
Total Estimated Work Plan 2015/16	25,400,000
Less Projected Carry Forward from Previous Years	300,000
Gross Budget Request for 2015/16	25,100,000

Capital Project Supplementary Report

Project Name: Street Recapitalization	Project # CR000005
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PROJECT/LOCATION	FROM	TO	DISTRICT	ESTIMATE
Armanda Cres	Jamieson	Jamieson	1	\$350,000
Arnold Dr	Jamieson	Fall River	1	\$500,000
Twining Dr	Jamieson	Jamieson	1	\$60,000
Skyvue Terr	Dewhurst	End	3	\$200,000
Dewhurst Dr	Lucien	Whynette	3	\$300,000
Whynette Pl	Topsail	Lucien	3	\$200,000
Cross Rd	Topsail	Dewhurst	3	\$235,000
Lake Loon Rd	Montague	MacLaughlin	4	\$550,000
Lake Major Rd	Trunk 7	Ernst Mill Bridge	4	\$675,000
Merrimac Dr	Forest Hills	Arklow	4	\$630,000
Poplar Dr	Civic 123	Otago	4	\$400,000
Penhorn Dr	Curley	Jean	5	\$510,000
Sarnia Ave	Regent	Penhorn	5	\$215,000
Thistle St	Victoria	Wyse	5	\$300,000
Wentworth St	Portland	Park	5	\$200,000
Dundas St	Green	North	5	\$195,000
Green St	Alderney	Wentworth	5	\$100,000
Lahey Rd	Farrell	Clarence	6	\$200,000
Clarence St	Lahey	Albro Lake	6	\$50,000
Saratoga Dr	Lexington	Walnut Hall	6	\$300,000
Akerley Blvd (E,W)	Windmill	Joseph Zatzman	6	\$1,490,000
Pepperell St	Vernon	Beech	7/9	\$400,000
Brunswick St	Duke	North	7/8	\$690,000
Queen St	Spring Garden	Sackville	7	\$200,000
Barrington St	Blowers	Morris	7	\$250,000
Richmond St	Devonshire	Barrington	8	\$100,000
Hanover St	Devonshire	Barrington	8	\$130,000
Kempt Rd	Lady Hammond	Commission	8	\$300,000
Hood St	Windsor	Kempt	8	\$150,000
Young St	Gottingen	Kempt	8	\$230,000
Bayers Rd	Oxford	Hwy 102 Ramps	8/9	\$800,000
McAlpine Ave	Federal	Chisholm	9	\$80,000
Oxford St	Bayers	Almon	8/9	\$270,000
Woodbury Dr	Birch Cove	Rockhaven	10	\$560,000
Willett St	Dunbrack	Main	10	\$250,000
Thornhill Dr	Auburn	End	11	\$525,000
Drysdale Rd	Herring Cove	Lions Rink	11	\$290,000
Emerald Cres	Drysdale	Drysdale	11	\$130,000
St. Margaret's Bay Rd	Sheppard's Run	Beech Tree Run	12	\$180,000
Chain Lake Dr (E)	CN Tracks	Lovett Lake	12	\$400,000
Pockwock Rd	2.6 km from End	End	13	\$650,000

Capital Project Supplementary Report

Project Name: Street Recapitalization			Project # CR000005	
Hammonds Plains Rd	Pockwock	Northwood	13	\$1,300,000
Sackville Dr	Millwood	Margeson	14	\$630,000
Glendale Dr	Smokey	Rankin	15	\$50,000
Riverside Dr	Civic 1530	Lennox	15	\$400,000
Lennox Dr	Riverside	Lynnville	15	\$220,000
Rogers Dr	Rankin	Smokey	15	\$270,000
First Ave	Bedford Hwy	Pine	16	\$350,000
Cunningham Dr	First	End	16	\$90,000
Cadogan St	First	Second	16	\$65,000
Asphalt Overlays				\$3,200,000
Surface Sealing				\$2,500,000
Cracksealing				\$580,000
Street Planer Patching				\$1,500,000
Total Estimate				<u><u>\$25,400,000</u></u>
Summary of Budget Breakdown:				
2015/16 Street Recapitalization Budget				\$24,000,000
Surplus from previously approved Accounts				\$300,000
HW Hardware Adjustment Reimbursement				\$400,000
Pavement Impact Funds				\$700,000
Total Budget				<u><u>\$25,400,000</u></u>
Potential Projects List				
Riley Rd	Main	Cherry Brook	4	\$300,000
Preston St	Quinpool	Payzant	7	\$650,000
Devonshire Ave (N,S)	Barrington	Novalea	8	\$680,000

5 Year Gross Project Budget - Sidewalks

	Budget Category	Project #	2015	2016	2017	2018	2019
	Sidewalks, Curbs & Gutters						
I1	New Sidewalks	CR000003	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000
I2	Sidewalk Renewals	CKU01084	2,600,000	3,500,000	3,500,000	3,500,000	3,500,000
	Grand Total		5,100,000	7,000,000	7,000,000	7,000,000	7,000,000

2015/2016 Capital Supplemental Report

Project Name:	New Sidewalks
Project Number:	CR000003
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Sidewalks, Curbs & Gutters

Project Summary:

HRM currently has a list of over 300 new sidewalk requests. New sidewalk requests are rated based on a set of criteria and prioritized based on their ratings, integration with other infrastructure upgrades and connectivity opportunities with existing sidewalk networks. New sidewalks provide pedestrian safety and supports active transportation.

Total Capital Request: (5 Years) \$

36,500,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Concept

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	35,800	-	-	-	-
Net Annual Operating Costs:	35,800	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	35,800	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Shore Rd. (Shoreview to Romkey) District 3	875,000
Sarnia Ave (Regent to Penhorn) District 5	50,000
Mount Edward Rd. (Spring to BellaVista) District 3/6	100,000
Akerley Blvd (Morris to Joseph Zatzman) District 6	200,000
Kempt Rd. (Lady Hammond to Commission) District 8	260,000
Herring Cove Rd (Cowie Hill to Glenora) District 9	380,000
St. Margaret's Bay Rd. (Beech Tree to Sheppards Run) District 12	175,000
Sackville Dr. (Melham to Beaconsfield) District 14	460,000
Glendale Dr. (McDougall to Metropolitan) District 15	500,000
Misc. Designs	100,000
Potential Projects:	-
Hammonds Plains Rd. (Smith to Brookshire) District 16 est. \$550,000	-
Windmill Rd. (Seapoint to Bancroft) District 6 est. \$100,000	-
Total Estimated Work Plan 2015/16	3,100,000
Less Projected Carry Forward from Previous Years	600,000
Gross Budget Request for 2015/16	2,500,000

2015/2016 Capital Supplemental Report

Project Name:	Sidewalk Renewals
Project Number:	CKU01084
Business Unit:	Transportation & Public Works
Project Manager:	David Hubley
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Sidewalks, Curbs & Gutters

Project Summary:

Sidewalks are rated on a two year cycle to identify defective slabs. Sidewalk Renewal Projects are selected based on percentage defective and alignment opportunities with other road related projects.

Total Capital Request: (5 Years) \$ 36,600,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	2,600,000	3,500,000	3,500,000	3,500,000	3,500,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	2,600,000	3,500,000	3,500,000	3,500,000	3,500,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Detailed work plan on next page	2,600,000
	-
Total Estimated Work Plan 2015/16	2,600,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	2,600,000

Capital Project Supplementary Report

Project Name: Sidewalk Renewals	Project # CKU01084
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PROJECT/LOCATION	FROM	TO	DIRECTION	DISTRICT	ESTIMATE
Poplar Dr	Otago	Elm	N	4	\$25,000
Poplar Dr	Circassion	Elm	W	4	\$300,000
Crichton Ave	Lakeview	Crichton Park	W	5	\$70,000
Gorsebrook Ave	Tower	End	S	7	\$115,000
Brunswick St	Cogswell	Duke	E	7	\$155,000
Walnut St	Cedar	Shirley	E	7	\$85,000
Windsor St	Cork	Liverpool	W	8	\$25,000
Oxford St	Young	Bayers	E	8/9	\$30,000
Oxford St	Liverpool	Cork	W	8/9	\$30,000
Oxford St	Almon	Edinburgh	W	8/9	\$30,000
Pepperell St	Oxford	Beech	N	9	\$175,000
Pepperell St	Oxford	Cambridge	S	9	\$75,000
Connolly St	Almon	Berlin	E	9	\$50,000
Abbott Dr	Ralston	Mayfield	S	9	\$75,000
Romans Ave	Bayers	Federal	W	9	\$250,000
Aiken Ave	Romans	Archibald	E	9	\$115,000
Flamingo Dr	Canary	Meadowlark	S	10	\$240,000
Bedford Hwy (Wooden SW)	Rutledge	Spring	E	16	\$375,000
Misc Slab Repairs				Various	\$205,000
Sidewalk Inspection				Various	\$175,000
Total Estimate					<u>\$2,600,000</u>

Summary of Budget Breakdown:
2015/16 Sidewalk Renewal Budget

\$2,600,000

Potential Projects List

Preston St	Watt	Payzant	E	7	\$20,000
Preston St	Quinpool	Pepperell	E/W	7	\$40,000
Devonshire Ave	Kaye	Russell	S	8	\$60,000

5 Year Gross Project Budget - Solid Waste

Budget Category	Project #	2015	2016	2017	2018	2019	
Solid Waste							
J1	Additional Green Carts for New Residents	CW000001	500,000	500,000	735,000	735,000	735,000
J2	Burner Installation Hwy 101 Landfill	CWU01065	30,000	-	-	-	-
J3	Composting Plant	CW000004	-	25,000,000	-	-	-
J4	Dredging of Siltation Pond	CWU01092	-	-	-	-	-
J5	Environment Monitoring Site Work 101 Landfill	CWU01353	-	355,000	-	-	-
J6	Half Closure Cell 6 - Otter Lake	CWU01358	4,500,000	3,800,000	-	-	-
J7	Land Acquisition Otter Lake	CWI00967	-	-	-	-	-
J8	Leachate Tank at HWY 101	CWI00985	-	-	-	-	-
J9	Otter Lake Equipment	CW000002	1,120,000	1,800,000	1,600,000	1,850,000	2,750,000
J10	Refuse Trailer Rural Depot	CW000003	250,000	-	-	-	-
J11	Vertical Expansion of Landfill Cells	CW000006	750,000	-	-	-	-
Grand Total			7,150,000	31,455,000	2,335,000	2,585,000	3,485,000

2015/2016 Capital Supplemental Report

Project Name:	Additional Green Carts for New Residents
Project Number:	CW000001
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

Supply and delivery of organics green carts to newly constructed homes and ongoing replacement of damaged carts. A cart is provided to each dwelling eligible for curbside collection based on the number of units. Contingency has been built in to budget projections due to unpredictable increase in demand for carts and potential for increases in resin prices which in turn increases unit cost.

Total Capital Request: (5 Years) \$

3,205,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender Ready

How advanced are the budget estimates? Class D, C, B or A

Class 'B'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	500,000	500,000	735,000	735,000	735,000
Funding Source:					
Reserve Q123 - Waste Resources	500,000	500,000	735,000	735,000	735,000
	-	-	-	-	-
Total Funding:	500,000	500,000	735,000	735,000	735,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Procurement of new bins to new homes and ongoing replacement of damaged carts	500,000
	-
Total Estimated Work Plan 2015/16	500,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	500,000

2015/2016 Capital Supplemental Report

Project Name:	Burner Installation Hwy 101 Landfill
Project Number:	CWU01065
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

This project will accommodate the replacement of the oil-fired burner mounted on 300,000 BTU heating boiler, in a Leachate Control building at the Highway 101 Landfill Leachate Treatment Plant. The new burner will provide for more efficient and reliable heating in the Leachate Control building, operated by Halifax Water. The burner was originally scheduled for replacement in the 2009/10 fiscal year, but has been moved out to the 2015/16 year.

Total Capital Request: (5 Years) \$ 30,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Tender Ready**

How advanced are the budget estimates? Class D, C, B or A **Class 'B'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	30,000	-	-	-	-
Funding Source:					
Reserve Q119 - Sackville Landfill Closure	30,000	-	-	-	-
	-	-	-	-	-
Total Funding:	30,000	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Replacement of oil-fired burner	30,000
	-
Total Estimated Work Plan 2015/16	30,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	30,000

2015/2016 Capital Supplemental Report

Project Name:	Composting Plant
Project Number:	CW000004
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	Growth
Discrete/Bundled:	Discrete
Budget Category:	Solid Waste

Project Summary:

A composting plant to process the wet Industrial, Commercial and Institutional (ICI) stream of organics should be developed to aid HRM's two aerobic composting facilities, currently operating at capacity and the need to meet revised guidelines for maturity. The removal of the ICI stream will aid in the processing and maturity of the compost produced at the aerobic facilities.

Total Capital Request: (5 Years) \$ 25,000,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Design**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	25,000,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	25,000,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Dredging of Siltation Pond
Project Number:	CWU01092
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

This project will accommodate the dredging of the four siltation ponds at the Highway 101 water treatment facility, to remove accumulated silt. The increased capacity of the ponds will increase retention time, allowing for more effective siltation and treatment of leachate to comply with Provincial regulations.

Total Capital Request: (5 Years) \$ -

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Tender Ready**

How advanced are the budget estimates? Class D, C, B or A **Class 'B'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:					
	-	-	-	-	-
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Dredge four siltation ponds at Highway 101 Landfill	360,000
	-
Total Estimated Work Plan 2015/16	360,000
Less Projected Carry Forward from Previous Years	360,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Environment Monitoring Site Work 101 Landfill
Project Number:	CWU01353
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

This project will ensure the site continues to meet all requirements of a closed landfill. Detailed work will include water monitoring and site maintenance and repair on a priority basis, in an effort to meet all requirements of a closed landfill, including site regulatory approval requirements. An engineering and monitoring firm has identified this work to include erosion control and cap and leachate system improvements. Work will infill low areas of closed cell, remove vegetation and sediment from perimeter ditch, and rehabilitate leachate manholes and pipes.

Total Capital Request: (5 Years) \$ 355,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender Ready

How advanced are the budget estimates? Class D, C, B or A Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	355,000	-	-	-
Funding Source:					
Reserve Q119 - Sackville Landfill Closure	-	355,000	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Total Funding:	-	355,000	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Monitoring of site	35,000
Infill cap and rehabilitate leachate system	1,225,000
	-
Total Estimated Work Plan 2015/16	1,260,000
Less Projected Carry Forward from Previous Years	1,260,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Half Closure Cell 6 - Otter Lake
Project Number:	CWU01358
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	State of Good Repair
Discrete/Bundled:	Discrete
Budget Category:	Solid Waste

Project Summary:

This project will include the installation of a landfill gas collection system, capping of partial landfill cell in stages and permanent cap of a fully utilized landfill cell. This closure is anticipated to reduce the maintenance required for the gas collection system, improve the capture of landfill gas, reduce the potential for odours and reduce the amount of leachate generated from this cell. This estimate is based on the budget submitted by MIRROR NS on July 25, 2014. Provision for Cell Construction and Closure is provided for in the 1997 HRM and MIRROR NS Agreement, Section 15.

Total Capital Request: (5 Years) \$

8,300,000

Supports Outcome Area:

Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender Ready

How advanced are the budget estimates? Class D, C, B or A

Class 'B'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	4,500,000	3,800,000	-	-	-
Funding Source:					
Reserve Q120 - Otter Lake Landfill Closure	4,500,000	3,800,000	-	-	-
	-	-	-	-	-
Total Funding:	4,500,000	3,800,000	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Complete cap of Cell 6A to include final cover system, borrow pit development and gas and leachate control.	4,500,000
	-
	-
Total Estimated Work Plan 2015/16	4,500,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	4,500,000

2015/2016 Capital Supplemental Report

Project Name:	Land Acquisition Otter Lake
Project Number:	CWI00967
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

HRM will purchase parcels of land near the Otter Lake facilities as they become available, to ensure the future operations of the site. These lands will prevent encroachment and buffering for the facility, and may be part of the recreational development planned for the area.

Total Capital Request: (5 Years) \$ -

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Tender Ready**

How advanced are the budget estimates? Class D, C, B or A **Class 'A'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Purchase properties in buffer area for Otter Lake as they become available	100,000
	-
Total Estimated Work Plan 2015/16	100,000
Less Projected Carry Forward from Previous Years	100,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Leachate Tank at HWY 101
Project Number:	CWI00985
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

This project will provide a leachate holding tank and unloading system, to potentially receive leachate from outside sources being treated at the Highway 101 Treatment Facility. This will allow Highland Energy to add moisture to the final engineered cell to produce and capture more landfill gas, producing more energy for the grid.

Total Capital Request: (5 Years) \$

Supports Outcome Area:

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

How advanced are the budget estimates? Class D, C, B or A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-

	2015/16	2016/17	2017/18	2018/19	2019/20
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Install unloading services and holding tank for leachate from organics facilities	200,000
	-
Total Estimated Work Plan 2015/16	200,000
Less Projected Carry Forward from Previous Years	200,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Otter Lake Equipment
Project Number:	CW000002
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

This project will advance the replacement of equipment at the end of its useful life. Potential stationary equipment to be replaced or overhauled includes conveyors, compactors, bag breakers, shredder, baler, agitators, walking floor and ventilation systems. Mobile equipment is also to be replaced per agreed schedule in the contract. All yearly estimates are preliminary only, as provided by MIRROR NS or from previous equipment replacements. Schedule of items and cost estimates are updated annually. All equipment shall be replaced and maintained to meet their expected useful life as per the contract and to ensure there are minimal disruptions in the service provided. The HRM and MIRROR NS agreement (1997) provides for the replacement of capital equipment (Schedule K). Supplementary Agreement No.13 between HRM and MIRROR NS outlines capital repair and replacement in Sections 3 and 7 and in Schedules C and E.

Total Capital Request: (5 Years) \$ 9,120,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender Ready

How advanced are the budget estimates? Class D, C, B or A Class 'B'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,120,000	1,800,000	1,600,000	1,850,000	2,750,000
Funding Source:					
Reserve Q123 - Waste Resources	1,120,000	1,800,000	1,600,000	1,850,000	2,750,000
	-	-	-	-	-
Total Funding:	1,120,000	1,800,000	1,600,000	1,850,000	2,750,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Repairs and replacement of mobile and stationary equipment at Otter Lake facilities	1,120,000
	-
Total Estimated Work Plan 2015/16	1,120,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	1,120,000

2015/2016 Capital Supplemental Report

Project Name:	Refuse Trailer Rural Depot
Project Number:	CW000003
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Solid Waste

Project Summary:

The refuse trailers service the two rural refuse depots in Sheet Harbour and Middle Musquodoboit, where refuse loads are consolidated prior to transport to the Otter Lake Facilities. They are on a maximum ten-year replacement schedule. There are currently six units in the fleet, the two 2007 Wilkens will be replaced in 2015/16.

Total Capital Request: (5 Years) \$ 250,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender Ready

How advanced are the budget estimates? Class D, C, B or A Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	250,000	-	-	-	-
Funding Source:					
Reserve Q123 - Waste Resources	250,000	-	-	-	-
	-	-	-	-	-
Total Funding:	250,000	-	-	-	-
Net budget:	-	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Replacement of two compactor refuse trailers	250,000
	-
Total Estimated Work Plan 2015/16	250,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	250,000

2015/2016 Capital Supplemental Report

Project Name:	Vertical Expansion of Landfill Cells
Project Number:	CW000006
Business Unit:	Transportation & Public Works
Project Manager:	Barry Nickerson
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Solid Waste

Project Summary:

The vertical expansion of the Otter Lake Residuals Disposal Facility is to provide landfill space for residual refuse generated in the region, and to extend the Otter Lake operations beyond 2024. Vertical expansion of the current and future cells can be implemented while maintaining or enhancing all environmental protection and control measures (e.g., esthetics, odour, ground water). Vertically expanding cells 1-5 represents \$68M to \$85M of capital costs savings versus the development of new cells. Provision for Cell Construction and Closure is provided for in the 1997 HRM and MIRROR NS Agreement in Section 15.

Total Capital Request: (5 Years) \$ 750,000

Supports Outcome Area: Healthy Communities (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Tender Ready

How advanced are the budget estimates? Class D, C, B or A Class 'B'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	750,000	-	-	-	-
Funding Source:					
Reserve Q123 - Waste Resources	750,000	-	-	-	-
	-	-	-	-	-
Total Funding:	750,000	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Vertical Expansion and Engineering	750,000
	-
Total Estimated Work Plan 2015/16	750,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	750,000

5 Year Gross Project Budget - Traffic Improvements

Budget Category	Project #	2015	2016	2017	2018	2019
Page Traffic Improvements						
K1 Active Transportation - Strategic Projects	CTU00420	710,000	1,500,000	1,200,000	1,200,000	1,200,000
K2 Bayer's Road Upgrades/Transit Corridor Study	CMU00975	-	270,000	-	-	-
K3 Bedford West Road Oversizing	CTU01006	-	-	3,600,000	3,000,000	700,000
K4 Bedford West Traffic Signals	CTX01127	-	-	-	-	-
K5 Burnside Expressway Greenway	CT000008	-	-	700,000	600,000	-
K6 Controller Cabinet and Detection Program	CT000004	190,000	500,000	510,000	520,000	530,000
K7 Destination Signage Program	CTR00904	250,000	100,000	100,000	100,000	100,000
K8 Dynamic Messaging Signs	CTX01115	-	-	-	-	-
K9 Herring Cove Road Widening	CTX01116	200,000	1,250,000	-	-	-
K10 Intersection Improvement Program	CTU01086	1,000,000	2,800,000	2,700,000	2,900,000	2,900,000
K11 LED Conversion of HRM Streetlights	CT000005	6,290,000	7,125,000	7,125,000	7,125,000	930,000
K12 MacLennan Drive	CTU01365	-	200,000	-	-	1,850,000
K13 Margeson Drive	CTU01287	-	1,695,000	1,400,000	-	-
K14 North Park Corridor Improvements	CT000001	3,750,000	-	-	-	-
K15 Road Corridor Land Acquisition	CTU00897	200,000	100,000	100,000	80,000	100,000
K16 Road Oversizing - Bedford South CCC	CTX01126	-	-	-	-	-
K17 Street Lighting	CRU00792	450,000	220,000	225,000	230,000	235,000
K18 Traffic Signal Installation	CTU01085	175,000	750,000	750,000	750,000	750,000
K19 Traffic Signal Rehabilitation	CTU00419	710,000	650,000	660,000	670,000	680,000
K20 Traffic Signal Re-lamping Program	CT000002	-	500,000	510,000	520,000	530,000
K21 Traffic Signal System Integration	CT140001	595,000	-	-	-	-
Grand Total		14,520,000	17,660,000	19,580,000	17,695,000	10,505,000

2015/2016 Capital Supplemental Report

Project Name:	Active Transportation - Strategic Projects
Project Number:	CTU00420
Business Unit:	Transportation & Public Works
Project Manager:	Dave Hubley
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

The Active Transportation (AT) Priorities Plan was approved by Regional Council in September 2014. The plan lays out a strategy to develop AT supportive infrastructure and programs over the next five years. This budget funds the implementation of multiple individual AT projects and programs each year. The Macdonald Bridge re-decking project will result in panels from the existing bikeway being available as surplus. New AT bridges have been designed to make use of these panels over the next few years, including two bridges this year (Little Sackville River and Chain of Lakes Trail (COLT) to Northwest Arm Drive). Other projects in 2015/16 include completion of a bike lane on Hollis Street and development of a priority plan for implementing AT measures within the Regional Centre.

Total Capital Request: (5 Years) \$

5,810,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	710,000	1,500,000	1,200,000	1,200,000	1,200,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	710,000	1,500,000	1,200,000	1,200,000	1,200,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Little Sackville River AT Bridge	420,000
Chain of Lakes Trail (COLT) to North West Arm Drive Greenway (Phase One)	150,000
Hollis Street and Upper Water Street Curb Adjustments	175,000
Young/Isleville AT Improvements	45,000
Design/Public Engagement of Regional Centre Bikeways	200,000
Bike parking, catchbasin replacement, trail wayfinding, bike programs/studies, pavement markings	100,000
Total Estimated Work Plan 2015/16	1,090,000
Less Projected Carry Forward from Previous Years	380,000
Gross Budget Request for 2015/16	710,000

2015/2016 Capital Supplemental Report

Project Name:	Bayer's Road Upgrades/Transit Corridor Study
Project Number:	CMU00975
Business Unit:	Planning & Development
Project Manager:	Dave McCusker
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

The Halifax Peninsula Transit Corridor Study is expected to be completed in May 2015. This study will evaluate opportunities to use transit priority measures to create transit corridors across the Halifax peninsula. The focus will be on Bayer's Road and Gottingen Street. The funding identified in 2016/17 will be used to implement shorter term priority recommendations from the plan.

Total Capital Request: (5 Years) \$ 270,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	270,000	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	270,000	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Bedford West Road Oversizing
Project Number:	CTU01006
Business Unit:	Planning & Development
Project Manager:	Paul Burgess
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

The Bedford West Road Oversizing project will consist of three phases. Phase One includes the installation of a retaining wall along 200 metres of Kearney Lake Road to facilitate future widening. The project also includes the extension of two large diameter culverts. Phase Two will include widening of Kearney Lake Road from two to four lanes from Kearney Lake Connector to Broad Street South. Finally, Phase Three will include the widening of Kearney Lake Road from two to four lanes from Broad Street South to Broad Street North.

Total Capital Request: (5 Years) \$ 7,300,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	3,600,000	3,000,000	700,000
Funding Source:					
Capital Cost Contribution	-	-	2,160,000	1,800,000	420,000
Total Funding:	-	-	2,160,000	1,800,000	420,000
Net budget:	-	-	1,440,000	1,200,000	280,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Bedford West Traffic Signals
Project Number:	CTX01127
Business Unit:	Planning & Development
Project Manager:	Paul Burgess
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

The 2009 Bedford West Transportation Master Infrastructure Plan identified the need for traffic signals at the proposed Kearney Lake Connector at Kearney Lake Road intersection. The Kearney Lake Connector (now Larry Uteck Blvd) will be opened to traffic in the Fall of 2014. Traffic volumes may warrant the need for traffic signals in 2015. The project consists of the installation of traffic signals at the intersection of Kearney Lake Road and Larry Uteck Boulevard as part of the Bedford West Master Plan.

Total Capital Request: (5 Years) \$ -

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

	Estimate
Traffic Signals on Kearney Lake Road and Larry Uteck Blvd	180,000
	-
Total Estimated Work Plan 2015/16	180,000
Less Projected Carry Forward from Previous Years	180,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Burnside Expressway Greenway
Project Number:	CT000008
Business Unit:	Planning & Development
Project Manager:	Dave McCusker
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

The Nova Scotia Transportation and Infrastructure Renewal plan will extend Burnside Drive to Duke Street and Highway 102. The Province has offered to construct an active transportation greenway parallel (but well separated) to the roadway, if HRM pays for the incremental cost. That cost has been estimated at \$1.3M.

Total Capital Request: (5 Years) \$ 1,300,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	700,000	600,000	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	700,000	600,000	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Controller Cabinet and Detection Program
Project Number:	CT000004
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

Controller cabinets hold the electronic components that operate traffic signals. Many cabinets have reached their life expectancy and/or are not adequate to hold the components required to run current systems such as conflict detection, communication, phasing plans and the Opticom emergency vehicle detection system. This project will replace controller cabinets and include the installation and maintenance of vehicle and pedestrian detection equipment such as: inductive loops, cameras and accessible pedestrian signals. Detection equipment is a key component to optimize the traffic signal network.

Total Capital Request: (5 Years) \$ 2,250,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Design

How advanced are the budget estimates? Class D, C, B or A Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	190,000	500,000	510,000	520,000	530,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	190,000	500,000	510,000	520,000	530,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Replacement of two Controller/Cabinet assemblies	40,000
Installation of 5 Accessible Pedestrian Signals @ \$10,000 each	50,000
Contingency fund to address detection replacement due to failure	150,000
	-
Total Estimated Work Plan 2015/16	240,000
Less Projected Carry Forward from Previous Years	50,000
Gross Budget Request for 2015/16	190,000

2015/2016 Capital Supplemental Report

Project Name:	Destination Signage Program
Project Number:	CTR00904
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

This project includes the inspection, maintenance and installation of overhead traffic sign infrastructure such as lane use, guide and destination signs, which provide directional guidance to motorists. Detailed inspections of all sign truss structures are carried out every five years.

Total Capital Request: (5 Years) \$ 650,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Design

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	250,000	100,000	100,000	100,000	100,000
Funding Source:					
Provincial Cost Sharing	150,000	-	-	-	-
	-	-	-	-	-
Total Funding:	150,000	-	-	-	-
Net budget:	100,000	100,000	100,000	100,000	100,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Replacement of one truss structure	300,000
Concrete base repairs	100,000
Miscellaneous repairs	50,000
Contingency to address unanticipated repairs	40,000
	-
Total Estimated Work Plan 2015/16	490,000
Less Projected Carry Forward from Previous Years	240,000
Gross Budget Request for 2015/16	250,000

2015/2016 Capital Supplemental Report

Project Name:	Dynamic Messaging Signs
Project Number:	CTX01115
Business Unit:	Planning & Development
Project Manager:	Dave McCusker
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

Variable message signs provide valuable information to drivers regarding construction, road closures and unplanned incidents, and can significantly reduce congestion and vehicle delay as well as improve safety, particularly when incidents, construction or weather events occur. Halifax Harbour Bridges installed several variable message signs in the vicinity of their properties. This project would add five additional signs to provide messaging to inbound traffic at key junctions and decision points within the regional roadway network. Those locations include Highway 101 at Lower Sackville, Highway 102 at Miller Lake, Highway 118 at Dartmouth Crossing, Highway 102 at Bayers Lake, and Barrington Street at Cornwallis. A tender was awarded for this project by Halifax Harbour Bridges in September 2014 and work is expect to be completed by April 2015.

Total Capital Request: (5 Years) \$

-

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Tender ready

How advanced are the budget estimates? Class D, C, B or A

Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Construct five dynamic message signs in partnership with Halifax Harbour Bridges	1,060,000
	-
Total Estimated Work Plan 2015/16	1,060,000
Less Projected Carry Forward from Previous Years	1,060,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Herring Cove Road Widening
Project Number:	CTX01116
Business Unit:	Planning & Development
Project Manager:	Dave McCusker
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

The Regional Plan projects increased traffic demand on Herring Cove Road, and created a need for additional street capacity. Phase One of the project consists of improvements to the section between Purcell's Cove Road and the Armdale Roundabout. Eventually, this project will result in four traffic lanes between the Armdale Roundabout and Old Sambro Road. The design work will occur in 2015/16, with construction to begin the following year.

Total Capital Request: (5 Years) \$ 1,450,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	1,250,000	-	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	200,000	1,250,000	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Engineering Design (Roundabout to Purcell's Cove Road)	200,000
	-
Total Estimated Work Plan 2015/16	200,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	200,000

2015/2016 Capital Supplemental Report

Project Name:	Intersection Improvement Program
Project Number:	CTU01086
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

Relatively significant improvements in safety and operation can be achieved at an intersection or specific roadway sections, with minor reconfiguration or lane use changes and lighting improvements. This budget will address those changes and will include the addition of sidewalk ramps at marked crosswalks to improve pedestrian connectivity.

Total Capital Request: (5 Years) \$ 12,300,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	1,000,000	2,800,000	2,700,000	2,900,000	2,900,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	1,000,000	2,800,000	2,700,000	2,900,000	2,900,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Rainnie/Gottingen - convert Rainnie to one-way, intersection reconfiguration	100,000
Prince Albert/Ochterloney - intersection modifications, overhead crosswalk light (RA-5) installation	100,000
Glendale/Rankin - installation of left and right turning lanes	580,000
Glendale/Smokey - installation of right turn lane	180,000
Contingency to address minor improvements such as the installation of pedestrian ramps and landing areas when establishing marked crosswalks	190,000
	-
	-
Total Estimated Work Plan 2015/16	1,150,000
Less Projected Carry Forward from Previous Years	150,000
Gross Budget Request for 2015/16	1,000,000

2015/2016 Capital Supplemental Report

Project Name:	LED Conversion of HRM Streetlights
Project Number:	CT000005
Business Unit:	Transportation & Public Works
Project Manager:	Angus Doyle
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

The project is 2-phased, the first being the purchase of NSPI streetlights within the Municipality and the second being the conversion of all non-LED streetlights to LED technology over a 5-year period. The purchase and responsibility for future operation of NSPI streetlights includes paying the utility for the Net Book Value of their luminaires and brackets, and taking on the responsibility for converting the luminaires to LED technology. The second phase is the actual conversion of luminaires to LED technology over a 5-year period, which commenced in 2013/14. Halifax has preapproved luminaire manufacturers, and will specify Adaptive Technology (AT) as part of the supply requirements. AT will enable staff to monitor the status of streetlights and provide an acceptable service level for all areas of the Municipality.

Total Capital Request: (5 Years) \$

28,595,000

Supports Outcome Area:

Service Excellence (Administrative Outcome)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Design

How advanced are the budget estimates? Class D, C, B or A

Class 'C'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	6,290,000	7,125,000	7,125,000	7,125,000	930,000
Funding Source:					
Other	6,290,000	7,125,000	7,125,000	7,125,000	930,000
	-	-	-	-	-
Total Funding:	6,290,000	7,125,000	7,125,000	7,125,000	930,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Design, supply and install 20% of the LED streetlights within the Municipality	6,290,000
	-
Total Estimated Work Plan 2015/16	6,290,000
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	6,290,000

2015/2016 Capital Supplemental Report

Project Name:	MacLennan Drive
Project Number:	CTU01365
Business Unit:	Planning & Development
Project Manager:	Dave McCusker
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

MacLennan Drive was planned as a collector roadway for Middle and Upper Sackville as far back as 2000. The road consists of 2 lanes with a bike lane. The first phase of this work is a two-lane rural collector road extending from Margeson Drive to Rosemary Drive (1.0 km). The engineering design work will occur in 2016/17 with construction planned for 2019/20.

Total Capital Request: (5 Years) \$ 2,050,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	200,000	-	-	1,850,000
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	200,000	-	-	1,850,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	6,000
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	6,000

Detailed Work Plan 2015/16:

Estimate

	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Margeson Drive
Project Number:	CTU01287
Business Unit:	Planning & Development
Project Manager:	Dave McCusker
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

Margeson Drive was identified as a regional collector road by the Province in the 1990's; responsibility for it was transferred to HRM in 2001. Sections of Margeson Drive have already been constructed between Trunk 1 and Highway 101, including an interchange opened in 2011. The next phase involves a 1.1 km section running from the Indigo Shores development southward to Stonewick Cross, including a new bridge crossing of the Sackville River. Engineering design work is underway now, with plans for a tender to be issued in late 2015, with project completion in 2017.

Total Capital Request: (5 Years) \$ 3,095,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	1,695,000	1,400,000	-	-
Funding Source:					
	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	1,695,000	1,400,000	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	6,500	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	6,500	-	-

Detailed Work Plan 2015/16:

	Estimate
Land Acquisition	760,000
	-
Total Estimated Work Plan 2015/16	760,000
Less Projected Carry Forward from Previous Years	760,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	North Park Corridor Improvements
Project Number:	CT000001
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

In 2010, Halifax Regional Council adopted in principle the use of modern roundabouts on municipal roads where appropriate design standards and guidelines can be met. The traffic signals at North Park/Cogswell/Rainnie and North Park/Cunard are near the end of their life expectancy. An opportunity exists to reduce the pavement width between these intersections to provide for other uses such as additional green space and active transportation by implementing roundabouts at both intersections.

Total Capital Request: (5 Years) \$ 3,750,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Permits and Approvals Secured

How advanced are the budget estimates? Class D, C, B or A Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	3,750,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	3,750,000	-	-	-	-

	2015/16	2016/17	2017/18	2018/19	2019/20
Ongoing Operating Costs					
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:	Estimate
Year Two of Construction Phase	4,950,000
	-
Total Estimated Work Plan 2015/16	4,950,000
Less Projected Carry Forward from Previous Years	1,200,000
Gross Budget Request for 2015/16	3,750,000

2015/2016 Capital Supplemental Report

Project Name:	Road Corridor Land Acquisition
Project Number:	CTU00897
Business Unit:	Planning & Development
Project Manager:	Dave McCusker
Project Type:	Growth
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

Acquisition of land is needed to secure corridors and sites for road and transit projects identified in the Regional Plan, in addition to other road projects approved by Regional Council. Properties needed are often purchased only when an opportunity arises and always with the approval of Regional Council.

Total Capital Request: (5 Years) \$ 580,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	200,000	100,000	100,000	80,000	100,000
Funding Source:					
Reserve Q101 - Sale of Capital Assets	200,000	100,000	100,000	80,000	100,000
	-	-	-	-	-
	-	-	-	-	-
Total Funding:	200,000	100,000	100,000	80,000	100,000
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Opportunity account to purchase strategic properties as they become available	400,000
	-
Total Estimated Work Plan 2015/16	400,000
Less Projected Carry Forward from Previous Years	200,000
Gross Budget Request for 2015/16	200,000

2015/2016 Capital Supplemental Report

Project Name:	Road Oversizing - Bedford South CCC
Project Number:	CTX01126
Business Unit:	Planning & Development
Project Manager:	Paul Burgess
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

The project consists of HRM's portion of the road oversizing costs as part of the Bedford South Master Plan. The remaining portions of Bedford South to be oversized would be Starboard Drive and Nine Mile Drive.

Total Capital Request: (5 Years) \$

Supports Outcome Area:

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

How advanced are the budget estimates? Class D, C, B or A

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	-	-	-	-

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Oversizing Starboard Drive and Nine Mile Drive	185,000
	-
Total Estimated Work Plan 2015/16	185,000
Less Projected Carry Forward from Previous Years	185,000
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Street Lighting
Project Number:	CRU00792
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

The Municipality has been active in developing a street light guideline that reflects: consistent application of recommended lighting design standards, recognition of impacts resulting from obtrusive lighting, improvement of urban design through uniform lighting installations and reduction of energy consumption through utilization of energy efficient technologies. This project deals with the installation, replacement and maintenance of street light infrastructure.

Total Capital Request: (5 Years) \$ 1,360,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'C'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	450,000	220,000	225,000	230,000	235,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	450,000	220,000	225,000	230,000	235,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	1,000	-	-	-	-
Net Annual Operating Costs:	1,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	1,000	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Fairview Overpass - replacement of street light infrastructure	400,000
Replacement of 4 power enclosures	70,000
Replacement of 10 ornamental poles @ \$3,000 each	30,000
Purchase and installation of 30 LED street light fixtures @ \$1,000 each	30,000
Contingency funds to address unanticipated failures	20,000
Installation of 7 new street light poles	20,000
	-
Total Estimated Work Plan 2015/16	570,000
Less Projected Carry Forward from Previous Years	120,000
Gross Budget Request for 2015/16	450,000

2015/2016 Capital Supplemental Report

Project Name:	Traffic Signal Installation
Project Number:	CTU01085
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	Service Improvements
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

The requirement for the installation of new traffic controls such as traffic signals and crosswalk lights is based on guidelines and technical warrants established by the Transportation Association of Canada. These devices are installed to appropriately assign the right of way at intersections, and to address public safety concerns.

Total Capital Request: (5 Years) \$ 3,175,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured Concept

How advanced are the budget estimates? Class D, C, B or A Class 'D'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	175,000	750,000	750,000	750,000	750,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	175,000	750,000	750,000	750,000	750,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	2,000	-	-	-	-
Net Annual Operating Costs:	2,000	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	2,000	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Lower Water/Prince - overhead crosswalk light (RA-5) installation	50,000
Glendale/Raymond - overhead crosswalk light (RA-5) installation	50,000
CN cost sharing agreement - Windsor Junction Rd crossing gates	35,000
Installation of 3 Rectangular Rapid Flashing Beacon crosswalk lights - locations TBD	60,000
Contingency for the installation of new devices to address immediate traffic control and safety issues	20,000
	-
Total Estimated Work Plan 2015/16	215,000
Less Projected Carry Forward from Previous Years	40,000
Gross Budget Request for 2015/16	175,000

2015/2016 Capital Supplemental Report

Project Name:	Traffic Signal Rehabilitation
Project Number:	CTU00419
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

HRM owns and operates approximately 265 traffic signals and 180 overhead crosswalk lights (RA-5). An ongoing rehabilitation program is required so that these installations provide adequate traffic control service and are structurally sound so they will not create an on-street hazard. The objective of this program is to achieve a sustainable level of structural and operation soundness for HRM's inventory of traffic signal hardware.

Total Capital Request: (5 Years) \$ 3,370,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	710,000	650,000	660,000	670,000	680,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	710,000	650,000	660,000	670,000	680,000

Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
Agricola/Young	260,000
Overhead Crosswalk light (RA-5) upgrades - various locations	300,000
Portland/Chestnut/Manor	200,000
Victoria/Primrose	50,000
Contingency to address unanticipated system failures	50,000
	-
Total Estimated Work Plan 2015/16	860,000
Less Projected Carry Forward from Previous Years	150,000
Gross Budget Request for 2015/16	710,000

2015/2016 Capital Supplemental Report

Project Name:	Traffic Signal Re-lamping Program
Project Number:	CT000002
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	State of Good Repair
Discrete/Bundled:	Bundled
Budget Category:	Traffic Improvements

Project Summary:

The traffic signal network utilizes LED lights. One of the many benefits is the reduction in electricity costs by approximately 85%, compared to the use of incandescent lamps. Although it is quite unusual for an LED light to completely fail in comparison to an incandescent lamp, the light levels do decline over time. This project is for the systematic replacement of LED lights to ensure that minimum light levels are maintained.

Total Capital Request: (5 Years) \$ 2,060,000

Supports Outcome Area: Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured **Concept**

How advanced are the budget estimates? Class D, C, B or A **Class 'D'**

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	-	500,000	510,000	520,000	530,000
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	-	500,000	510,000	520,000	530,000
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Net Annual Operating Costs:	-	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	-	-	-	-	-

Detailed Work Plan 2015/16:

Detailed Work Plan 2015/16:	Estimate
	-
	-
Total Estimated Work Plan 2015/16	-
Less Projected Carry Forward from Previous Years	-
Gross Budget Request for 2015/16	-

2015/2016 Capital Supplemental Report

Project Name:	Traffic Signal System Integration
Project Number:	CT140001
Business Unit:	Transportation & Public Works
Project Manager:	Taso Koutroulakis
Project Type:	Service Improvements
Discrete/Bundled:	Discrete
Budget Category:	Traffic Improvements

Project Summary:

On June 10, 2014, Regional Council awarded the project for the installation of a new traffic signal control system to replace the old system which was in place since 1990, and had reached the end of its life cycle. The new solution will improve mobility for the public by reducing vehicular delay and related greenhouse gas emissions, provide bicycle detection equipment and expand the traffic signal pre-emption system for emergency vehicles. The project includes the installation of system software, replacement of on-street equipment and establishing communication links between each intersection. The focus of this project is on approximately 90 intersections within the Halifax peninsula area.

Total Capital Request: (5 Years) \$

595,000

Supports Outcome Area:

Transportation (Council Outcome Area)

Project Status a) concept; b) design; c) tender ready; or d) permits and approvals secured

Permits and Approvals Secured

How advanced are the budget estimates? Class D, C, B or A

Class 'A'

CAPITAL COSTS - Cash Flow

Fiscal Year	2015/16	2016/17	2017/18	2018/19	2019/20
Gross Budget:	595,000	-	-	-	-
Funding Source:	-	-	-	-	-
Total Funding:	-	-	-	-	-
Net budget:	595,000	-	-	-	-
Ongoing Operating Costs	2015/16	2016/17	2017/18	2018/19	2019/20
Annual Revenues:	-	-	-	-	-
Annual Operating Costs:	121,600	-	-	-	-
Net Annual Operating Costs:	121,600	-	-	-	-
One-Time Operating Costs					
Implementation Costs:	-	-	-	-	-
Impact to Operating Budget	121,600	-	-	-	-

Detailed Work Plan 2015/16:

Estimate

Year 2 of implementation plan	1,175,000
	-
Total Estimated Work Plan 2015/16	1,175,000
Less Projected Carry Forward from Previous Years	580,000
Gross Budget Request for 2015/16	595,000