

HRM Approved Project Budget 2013 / 14



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Overview

HRM's infrastructure and major capital assets support the delivery of municipal services, our future prosperity, economic development, competitiveness, public safety, and overall quality of life. The long term sustainability of the existing infrastructure and corporate assets directly impacts the ability to provide quality service to our community.

Stabilizing the Condition of Infrastructure and Assets

The 2013/2014 Project Budget continues to emphasize strong planning and increased funding to maintain assets in a state of good repair, and as a result asset condition is beginning to stabilize. The 2013 Project Budget is \$165.0 million, of which \$72.5 million (45%) is dedicated to renewal projects.

Asset Class	Average 3-year Renewal Budget	Percent of Replacement Value	Condition Trend
Fleet	\$11.0 million/year	4.6%	B, Stable
Road Infrastructure	\$30.3 million/year	1.0%	B, Stable
Parks & Playgrounds	\$4.5 million/year	2.4%	Unknown
Buildings	\$20.2 million/year	2.4% ¹	Unknown ²

Growing the Project Budget

In 2009 Council approved new targets for debt and capital from operating sources ("pay-as-you-go") based on the number of dwelling units in HRM. Previously the multi-year financial strategy limited the amount of debt re-paid from the general tax rate in any year to 80% of the amount repaid in the previous year. The policy was effective at reducing the amount of debt owed by HRM, but the condition of infrastructure and assets has suffered, and it has placed pressure on maintenance costs.

In addition to growing the budget, the objective of the 2009 policy is to eventually fund all rehabilitation and replacement of assets from operating sources or reserves, and use debt only for new assets. This approach is more sustainable over the long term

¹ Industry best practice as recommended by the Building Owners and Managers Association (BOMA) as well as the National Research Council is between 2 – 4% of replacement value for buildings.

² Building condition inspections have been ongoing throughout 2013/14, and condition indices will be reported with the 2014/15 budget document.

Introduction

The Budget Process

The three year plan is adopted by Council when the Operating Budget is approved. The first year of the three year capital plan is the Project Budget.

Each year a list of project requests is submitted by the various business units of HRM. Each request is accompanied by a description of the project, project schedule, capital cost estimate, and an estimate of the impact on the operating budget. At the same time as the project requests are being collected, information on the financial ability of HRM to fund the project budget is collected. A Capital Steering Committee comprised of senior management then recommends a detailed budget based on operational needs, available funding, strategic priority, and direction received from Council throughout the budget cycle.

2012 Citizen Survey

In early 2012 a citizen survey, involving 12,700 households was carried out in HRM. Transit service investments and expansion shows up as a priority for residents. Transportation tops the broad priorities, followed by economic development, environmental progress, and community development.

With specific regards to infrastructure, key findings of the survey were:

- maintaining existing streets and roads and upgrades to major roadways are the highest transportation priorities;
- improving existing recreation facilities and a new stadium are the highest community priorities; and,
- renewable energy projects and reducing demand for additional land fill cells are the top environmental priorities.

Considering all infrastructure projects, the highest spending priorities were: Renewable energy projects (30%); maintaining existing roads and streets (24%); develop capability to reduce demand for additional landfill cells (23%); upgrading major roadways to provide increase capacity (23%); active transportation projects (21%); and improved/additional public transit facilities (18%).

A significant majority of residents (68%) would prefer to see HRM invest a greater proportion of capital funds toward fixing and maintaining existing assets, facilities, and infrastructure than toward investing in new assets (32%).

Council Direction

Council has described the longer term pressures on the project budget as:

- the impact of continued asset decline;
- understanding the impact of service improvement projects; and
- increasing the capacity of the project budget to meet both the need to maintain our existing assets and grow services.

The 2013/2014 budget continues to emphasize strong planning and increased funding to maintain assets in a state of good repair. HRM has set aside \$72.5 million in 2013/2014, \$72.4 million in 2014/2015 and \$103.9 million in 2015/2016 to keep infrastructure in a state of good repair. In addition, Council has agreed that the \$72.4 million set aside for 2014/2015 will be a first commitment against the 2014/2015 Project Budget. This commitment allows capital renewal projects such as street renewal, replacement vehicles, and building upgrades to be tendered early enough to take advantage of competitive prices, helps to ensure completion of work that is affected by our short construction season, and allows purchases to be made which require long lead times.

The Need for Capital Investment

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

HRM describes the difference between what is needed and the amount of money that is available as the “Infrastructure Gap.”

Measuring the Gap

The Infrastructure Gap is an area of significant concern for all levels of government. A significant amount of infrastructure that HRM owns is fast approaching, or has already passed its useful life. Years of balancing budgets by deferring asset maintenance or replacement are catching up, while at the same time residents and businesses expect more services. This situation is not unique to HRM, and the Federation of Canadian Municipalities has identified the Infrastructure Gap as a key challenge for local Governments.

Maintaining what we own

The amount of investment in maintaining assets and infrastructure in a state of good repair has varied from \$70 million and \$80 million in recent years. There are varying degrees of knowledge on the condition of our assets, but this level of investment appears to have stopped the overall decline in asset condition. This amount will increase as HRM acquires new assets, as costs increase due to inflation, and as we obtain more detailed information on the condition of our assets

HRM is implementing an asset management program over the next three years that will enable much better informed decisions. Data on asset condition, maintenance costs, levels of service, and costs of services will be available to help Council establish priorities that are consistent with the community expectations. In many cases, levels of service need to be established before recapitalization plans can be finalized.

Growing and Getting Better

In addition to the cost of maintaining assets in a state of good repair, HRM has significant pressure to improve and expand services.

Expanded services include new bus routes, new trails and sport fields, new or expanded recreation centres, and new or expanded arenas. Some of these projects may be needed to accommodate new residents or businesses, widening main road corridors, or simply providing the additional police vehicles, fire trucks and recreational facilities to support growth.

Infrastructure Strategy

Maintaining Assets in a State of Good Repair

Continuing the effort to stop the decline in asset condition, this budget spends \$72.5 million on rehabilitation and replacement of existing assets in 2013/2014. This is \$9 million less than 2012/2013, but this is due primarily to a significant increase in the conventional bus replacement program that was made in 2012/13.

The following report card shows that condition stabilized from 2010 to 2012. It is too soon to say whether this trend will continue, but it is a positive sign that increased spending to maintain assets in a state of good repair will yield the desired results.

Asset Condition Report Card

Asset Class	2012	2011	2010	Condition Rating System
Roads	B	B	B	Surface Distress Index - based on inspection by own forces
Curbs	C	C	C	Good/fair/poor – based on inspection by own forces
Sidewalks	B	B	B	Percent defective – based on inspection by own forces
Bridges	B-	B-	C+	Third Party Inspection
Vehicles	B-	B-	C+	Age is used as a proxy for condition
Ferries	C	C	C	Regulatory Inspection

Increase the Capacity of the Project Budget

In 2009 Council approved a new debt policy to grow the Project Budget while reducing reliance on debt per dwelling and increasing capital from operating sources. In addition to growing the budget, the objective is to eventually fund all rehabilitation and replacement of assets through capital from operating sources (“capital from operating”) or reserves, and use debt only for new assets. To achieve these objectives, the policy established targets for both debt and capital from operating.

Debt per dwelling is anticipated to decrease by 3% from the previous year. While the amount of debt paid by each household continues to decrease, the capacity to fund capital projects increases as HRM grows. This approach is sustainable over the long term, and makes it much easier to replace infrastructure that is beyond its useful life.

Similarly, the per dwelling target for capital from operating is to increase by at least 3% plus inflation per year.

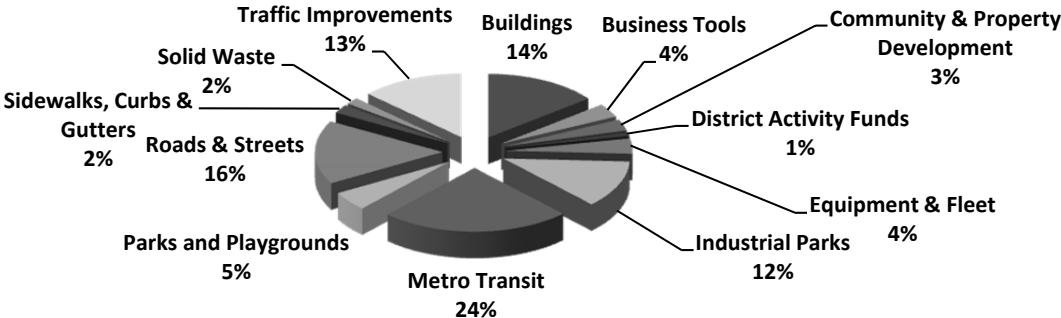
The Policy also recognizes that there may be situations when it is in HRM’s best interest to advance projects faster than would otherwise be possible under the strict application of the Debt Policy. There may be cost savings or new revenues achieved by completing a project sooner and the savings/revenues may also be sufficient to offset the carrying costs of the debt. This year, a region-wide conversion to LED streetlights and purchasing land for an expansion of the Burnside Industrial Park are funded under this provision of the debt policy.

Project Expenditure Plan

The following pages provide an overview of the capital expenditures according to Budget Category. Refer to the Appendix 2 for a more detailed Project Expenditure Plan and Appendices “A” through “K” for detailed information on each project.

Projected spending in 2013/14 for each budget category is summarized in the following table.

2013/14 Gross Budget by Budget Category



Budget Category	Amount	Percentage	Budget Category	Amount	Percentage
Buildings	23,920,000	14.5%	Metro Transit	39,897,000	24.2%
Business Tools	5,835,000	3.5%	Parks and Playgrounds	8,086,500	4.9%
Community & Property Development	4,840,000	2.9%	Roads & Streets	26,665,000	16.2%
District Activity Funds	1,504,000	0.9%	Sidewalks, Curbs & Gutters	3,685,000	2.2%
Equipment & Fleet	6,430,000	3.9%	Solid Waste	2,795,000	1.7%
Industrial Parks	19,790,000	12.0%	Traffic Improvements	21,595,000	13.1%

In addition to historical budget category, projects in this budget also fall into one of three broad **types**:

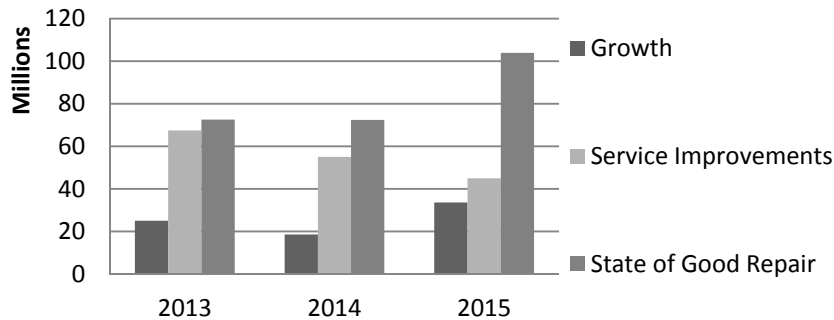
“State of Good Repair Projects” are projects aimed at maintaining what we own in an acceptable state of repair to support the level of service for which the public is willing to pay, and can include maintenance, repair, renewal/rehabilitation, and replacement.

“Service Improvement Projects” 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” are projects that are primarily driven by the need to provide services to new residents or businesses. Growth projects generally include projects which stem from population & employment growth, and include infrastructure in new development areas, industrial park expansion, some of the transit expansion and widening main road.

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

2013-2015 Gross Project Spending by Project "Type"



Buildings

Buildings encompass everything from park washrooms to fire stations to the Canada Games Centre. The replacement value of all buildings owned by HRM is estimated at \$840 million. A renewed emphasis on recapitalization will see the average annual funding increase to \$20.1 million, or 2.4% of replacement value. This is within the recommended range of 2 - 4 %, and includes an on-going commitment to adequate funding for rehabilitation of Multi-District Facilities.

A detailed condition assessment of all facilities is underway, which will better inform Regional Council on the state of the buildings and their future capital funding needs.

Energy Efficiency Projects will leverage cost sharing available from an increasing number of agencies for building related energy efficiency projects. These projects lower operating costs, have short pay-back periods, and support HRM's goal of reducing greenhouse gas emissions.

Business Tools

Funding has been increased significantly from 2012 (\$400k) for business tools to improve services to the public as well as support operational efficiencies. When compared to last years' plan, \$5.4 million has been added to planned expenditures over the three year period from 2013 – 2015 inclusive.

Priorities include supporting the enterprise asset management program, new recreation services software, a business intelligence program, and new internet based services for the public.

Community and Property Development

These projects primarily support community planning and cultural outcomes.

Streetscaping in hubs/corridors will focus on Sackville Drive and Herring Cove Road. **Downtown Streetscaping** is for priority areas in the downtown core of Dartmouth and Halifax, and will focus initially on public spaces and streetscapes associated with the new **Central Library** in 2013.

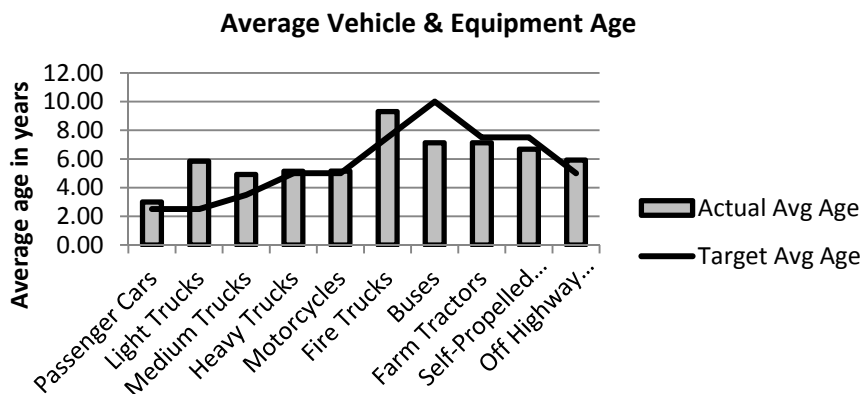
The **Port Wallace Master Plan** will carry out planning and infrastructure analysis on one of the priority growth areas identified by the Regional Plan.

Sandy Lake Wastewater Oversizing provides funding for Halifax Water to oversize trunk wastewater systems, to ensure wastewater capacity for the Sandy Lake Master Plan area in the future. The expenditure can be recovered from developers when development proceeds.

Equipment and Fleet

Vehicles are some of HRM's shorter-lived assets and annual spending is higher as a percentage of replacement value. Amount and type of usage can play a significant role in determining optimum replacement times. Maintenance is very strict and many vehicles are regulated by the Nova Scotia Utility and Review Board.

Deciding when to replace a vehicle is very important. To keep replacement costs consistent from year to year, the average age of a fleet should be approximately half of the vehicle's useful life. Most vehicle types do not have significant replacement backlogs, and actual average age and target average age by vehicle class are shown below.



The average age of a bus is three years younger than the target age but this is largely due to recent expansions in the fleet.

Industrial Parks

Development in Burnside will focus on Phases 12 and 13, which supports the Atlantic Gateway Strategy. Burnside is the only location that can provide suitable land immediately for a transload/logistics centre. New logistical demands will drive significant growth in the industrial real estate market. All projects in this category are funded from the sale of developed land in industrial parks.

Metro Transit

Funding is set aside in 2013 for a new conventional ferry for the first major expansion of the ferry fleet since the 1980's. It will provide additional service on the Woodside route. Additionally, this new ferry will be the template for future ferries, which will be constructed to recapitalize the existing fleet in the future.

In 2013 Metro Transit will begin a multi-year program to significantly upgrade transit technology to improve both the level of business intelligence in transit operations as well as the level of service to the public. The technology upgrades include a vehicle locator system; multiple public interfaces that use the internet as well as mobile devices for schedules, route information, and fare payment; on-board systems such as stop annunciation, fare management, and automated passenger counters; and access-a-bus upgrades that include online trip booking.

Parks and Playgrounds

HRM's Parks & Playgrounds includes parks, playgrounds, sport fields, sport courts, trails, cemeteries, street trees, and other outdoor recreation assets. The replacement value of these assets is estimated at \$190 million. Over the next three years, the average annual funding dedicated to maintaining the assets will be \$4.7 million, or 2.5% of the replacement value. Funding for parks and playgrounds is provided mainly by capital from operating along with Provincial and Community cost sharing contributing on average 20% of gross budget.

Planned service improvements include: new artificial turf at Bedford High School, a new skate park in Hubbards, a spray park at Kinsman Beach in Sackville, a new ball field in Kingswood, and the development of several new community parks.

Road Infrastructure

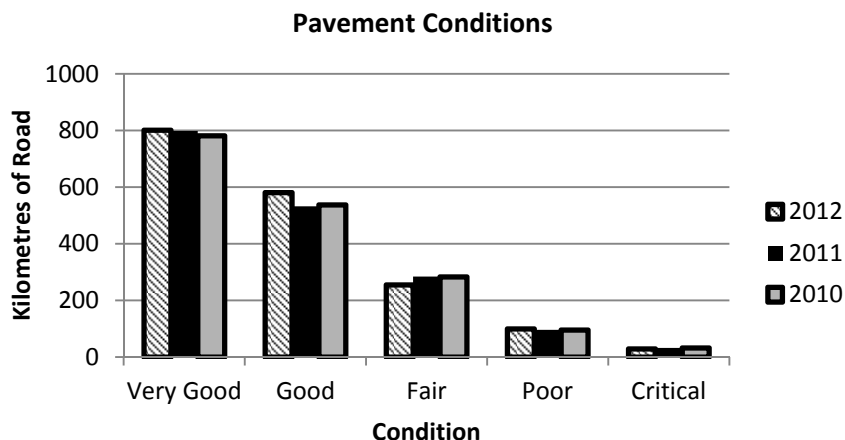
Road Infrastructure is HRM's largest asset class and the most mature in terms of asset management. Road infrastructure includes roads, bridges, sidewalks, curbs, street lights in some areas, traffic lights and signs. Life cycle maintenance techniques are understood and applied and condition is inspected on a regular basis.

The estimated replacement value of road infrastructure is \$3.0 billion. Average annual funding identified in the three year plan to maintain the road infrastructure is \$30.3 million/year or 1.0% of replacement value.

Roads and Streets

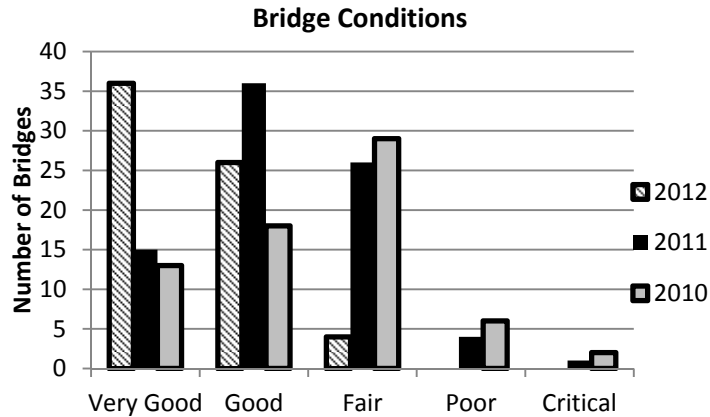
This program is primarily dedicated to maintaining roads in a state of good repair, with limited service improvements achieved by paving local gravel roads. Most service improvements and growth projects related to roads are included under "*Traffic Improvements*".

HRM has 1,800 km of roads, including approximately 35 km of gravel road, and uses a Surface Distress Index (SDI) to rate the condition of the road surface. The gravel roads are excluded from the ratings.



A balanced approach is used to maintaining pavement in a state of good repair. Roads that are in good condition are kept in good condition, and roads that are in poor condition are addressed over time. This means roads are maintained rather than using a "worse first" funding model. For example, re-surfacing a street that has just begun to deteriorate can be carried out at a cost of \$8 - \$20 per square

metre, while re-constructing a street that is in a more advanced state of decline will cost \$100 - \$130 per square metre.

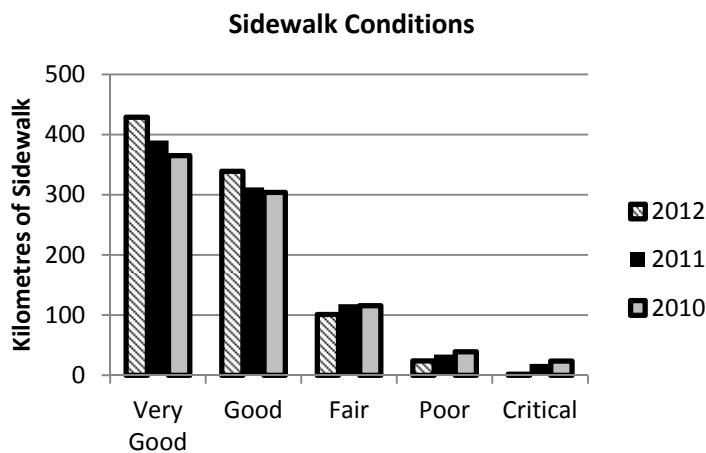


HRM owns and maintains 82 bridges that are part of the road system. A “Critical” rating means repairs are no longer cost-effective and full replacement will cost less over the long-term. It is used for replacement reasons not safety. By the end of the 2011/12 fiscal year all bridges rated as needing to be replaced had been repaired/replaced. Bridges undergo regular inspections by staff but are subjected to a more thorough engineering inspection every three years, during which condition ratings are assigned.

Sidewalks

HRM has 895 km of sidewalks over half of which are located on arterial or collector roads. Sidewalks are inspected and rated every three years and a sidewalk deficiency rating is applied to concrete and exposed aggregate sidewalks.

In addition to improving pedestrian safety, sidewalks also support active transportation initiatives.



Solid Waste

The disposal of solid waste is regulated by Provincial statute, expenditures are predictable and all projects are reserve funded. Expenditures generally include projects required to operate the Otter Lake Landfill, green carts for new homes as well as continuing to monitor and treat leachate generated from the former Highway 101 Landfill.

Much of the equipment and assets used to provide solid waste resource services are nearing the end of their useful life within the next 5 to 10 years. As a result HRM is currently reviewing programs and services to guide an updated strategy for the next 20 years.

The closure of cell 5 which was expected to be completed in 2013 was completed in 2012, and as a result no new funds are included for 2013/2014 for landfill cell closures or construction.

Traffic Improvements

Road construction projects included in this Plan are a connector road between the Kearney Lake Road and the Highway 102/Larry Uteck Blvd. Interchange, and Margeson Drive extension in Middle Sackville. In addition, design will begin on the next phase of widening the Herring Cove Road.

Improvements to the North Park Corridor include the addition of two new roundabouts. Additional corridor widening projects on the peninsula are on hold until the five year review of the Regional Plan is completed this year.

Intersection improvements are planned for Millwood Drive/Beaver Bank Road, Coldwell Road between Portland and Hampton Green, Glendale Drive at Chandler, and Glendale Drive at Pinehill.

The Overhead wiring conversion program buries electrical and telecommunication lines in the downtown of Dartmouth and Halifax. It is designed to take advantage of opportunities that arise from trenching by other utilities or by developers. In 2013, conversions will be driven by opportunities that arise from the construction of the new Central Library, and will occur at the intersection of Queen and Spring Garden and along the south side of Spring Garden in front of the new library and on Queen Street south to Clyde Street.

The Active Transportation and Transportation Demand Management (TDM) programs implement functional plans that have been approved by Regional Council, and include funds for initiatives such as bike lanes, multi-use trails, and the SmartTrip commuter options program.

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 will be on-going. The on-going costs are cumulative in nature and increase year over year as new assets are commissioned.

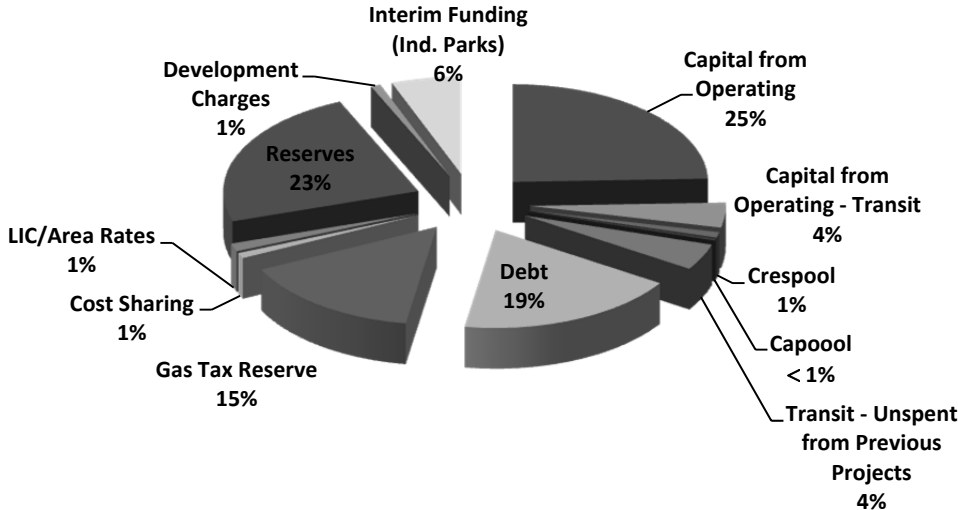
Summary of Operating Impacts of the 2013/2014 Project Budget

	Operating Costs	Implementation Cost	Impact to Operating Budget in Fiscal Year 2013/14
Buildings	374,100	80,000	329,500
Business Tools	743,700		622,500
Community & Property Development	10,000		10,000
Equipment & Fleet	52,600		52,600
Industrial Parks	35,000		35,000
Metro Transit	3,265,350	33,200	1,056,750
Parks and Playgrounds	213,000		211,300
Sidewalks, Curbs & Gutters	22,400		22,400
Solid Waste	49,000		49,000
Traffic Improvements	43,400		40,000
Grand Total	4,808,550	113,200	2,385,050

Project Funding Plan

Project funding comes from a number of sources. They include property tax revenue which is used to pay for some projects directly, either from the general rate or from 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 very specific purposes. Federal gas tax funding, development charges, local improvement charges, area rates and external cost-sharing programs are also used to varying degrees.

2013/14 Funding Sources



2013/14 Funding Sources					
Capital from Operating	40,354,000	24%	Gas Tax Reserve	25,150,000	15%
Capital from Operating - Transit	6,800,000	4%	Cost Sharing	1,461,500	1%
Crespool	1,490,000	1%	LIC/Area Rates	2,190,000	1%
Capool	545,000	< 1%	Reserves	38,612,000	23%
Transit - Unspent from Previous Projects	7,155,000	4%	Capital Contribution Charges	1,340,000	1%
Debt	30,390,000	18%	Interim Funding (Ind. Parks) & Other	9,555,000	6%

Debt

Debt used by HRM tends to be for buildings, streets, interchanges, and occasionally longer-lived vehicles such as fire trucks.

In 1999 HRM adopted a multi-year financial strategy which, among other things, limited the amount of debt that could be used in any given year. The 1999 debt policy limited the amount of debt re-paid from the general tax rate in any year to 80% of the amount repaid in the previous year. In 1998 debt was over 100% of revenues, but by 2007 debt was 50% of revenues.

The policy was effective at reducing the amount of debt owed by HRM, but the condition of infrastructure and assets suffered, which in turn placed pressure on maintenance costs.

In 2009 Council approved a new debt policy to grow the Project Budget while reducing reliance on debt per dwelling unit and increasing capital from operating sources. In addition to growing the budget, the objective is to eventually fund all rehabilitation and replacement of assets from operating sources ("capital from operating") or reserves, and use debt only for new assets. To achieve these objectives, the policy established targets for both debt and capital from operating.

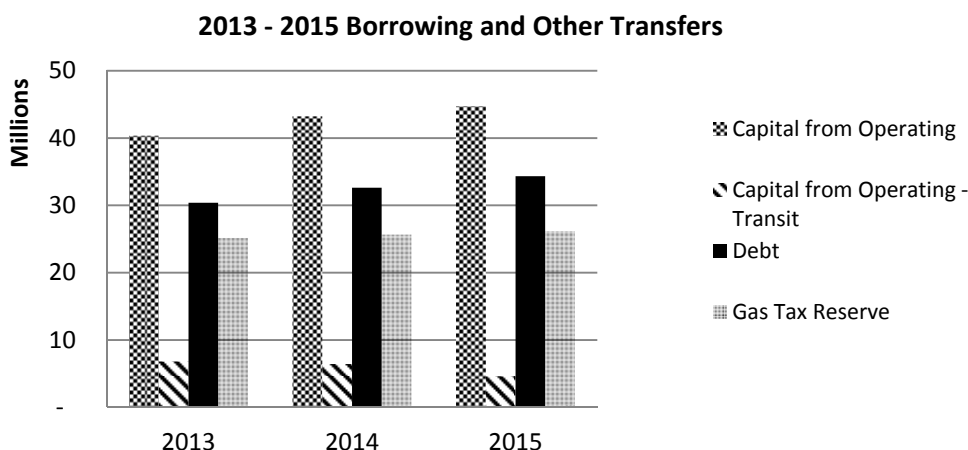
Debt per dwelling is anticipated to decrease by 3% from the previous year. The amount of debt available to fund capital projects now depends on both the amount of debt re-paid as well as the growth in dwelling units.

The Policy also recognizes that there may be situations when it is in HRM's best interest to advance projects faster than would otherwise be possible under the strict application of the Debt Policy. For example, there may be cost savings or new revenues achieved by completing a project sooner and the savings/revenues may also be sufficient to offset the carrying costs of the debt.

This approach is much more sustainable over the long term, and makes it much easier to replace infrastructure that is beyond its useful life.

Capital from Operating

Revenue from both the general rate as well as the transit rate is used to fund a portion of the project budget, and is commonly referred to as "Capital from Operating Sources." This is the most flexible type of funding, and is usually used for rehabilitation projects, purchasing assets with a useful life less than 10 years, smaller projects less than \$50,000 in value, and studies.



Reserves

HRM has 52 active reserves, each with its own business case outlining the funding sources and permitted expenditures. There are 16 of these reserves which are dedicated toward maintaining a state of good repair for either specific assets or certain groups of assets. In 2013/2014, reserves contribute \$38.6 million to the Project Budget as detailed below.

Reserve Name	Description	Project #	Amount
Q101	Downtown Streetscapes	CDX01182	2,285,000
	Environmental Remediation/Building Demolition	CBX01162	200,000
	Former CA Becket School Soil Remediation	CBU01004	50,000
	Sub-total		2,535,000
Q103	Emission Reduction - Public Transit Buses	CTI00695	867,000
	Point Pleasant Park Upgrades	CPX01025	50,000
	Street Lighting	CRU00792	225,000
	Sub-total		1,142,000
Q107	Park Land Acquisition	CPX01149	500,000
Q119	Biolac System Hwy 101 Landfill	CWU01064	310,000
	Environment Monitoring Site Work 101 Landfill	CWU01353	450,000
	Sub-total		760,000
Q121	Burnside & City of Lakes Development	CQ300741	11,000,000
	Development Consulting	CQ300746	50,000
	Park sign renewal & Maintenance	CQ300745	25,000
	Sub-total		11,075,000
Q123	Additional Green Carts for New Residents	CW000001	435,000
	Otter Lake Equipment	CW000002	1,600,000
	Sub-total		2,035,000
Q125	Metropark Upgrades	CBX01140	90,000
Q126	Margeson Drive Interchange	CTX01111	2,580,000
Q129	New Conventional Ferry	CMX01123	6,000,000
Q131	Energy Efficiency Projects	CBX01161	500,000
Q135	Alderney Gate Recapitalization(Bundle)	CBX01157	995,000
Q206	Opticom Signalization System	CEJ01220	80,000
Q312	Cultural Structures and Places	CD990003	500,000
Q315	Civic Events Equipment	CD990002	50,000
Q319	Ice Resurfacers Replacement	CVU01207	150,000
Q321	Computer Aided Dispatch (CAD)	CIP00763	200,000
	ICT Infrastructure Recapitalization	CI000004	820,000
	Service Desk System Replacement	CI990002	100,000
	Trunk Mobile Radios - TMR	CID01362	500,000
	Sub-total		1,620,000
Q327	LED Conversion of HRM Streetlights	CT000005	8,000,000
Grand Total			38,612,000

Gas Tax

The Gas Tax 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. HRM uses its Regional Plan as its sustainable plan.

The current Municipal Funding Agreement between the Province of Nova Scotia and HRM spans the fiscal years 2010/11 to 2013/14 inclusive. The province will receive \$55.9 million from the federal government in each of those years, HRM receives an allocation of those funds based on a formula which considers population, dwelling units, and expenditures in each municipal unit across the province. HRM's portion will differ slightly from year to year as the factors in the formula change; however, HRM anticipates it will receive approximately 45% of the provincial share.

In the 2013 Federal Budget the Federal Government has committed that in future years funding from the Gas Tax Fund will increase by 2% per year to account for inflation. This assumption has been built into the Capital plan for 2013 to 2015 inclusive. Any accumulated surplus will remain in a dedicated reserve and applied to future Project Budgets.

Projects are selected based on the level of anticipated eligible expenditures within the project and the likelihood on spending the funding within the fiscal year. Funding allocations from the Gas Tax Fund for 2013/2014 are detailed in the table below.

Description	Project #	Gross	Gas Tax
Conventional Bus Expansion	CVD00434	5,075,000	4,500,000
Conventional Bus Replacement	CVD00435	3,545,000	3,000,000
Highfield Terminal Upgrade	CB000018	1,500,000	1,000,000
Lacewood Terminal Replacement	CB000013	3,650,000	3,000,000
New Transit Technology	CM020005	8,780,000	4,570,000
Ragged Lake Transit Centre Expansion	CB000001	3,735,000	3,000,000
Metro Transit Subtotal			19,070,000
Street Recapitalization	CYX01345	20,500,000	6,080,000
Total			25,150,000

7 Year Capital Outlook

There are many capital demands that support service expansions which arise from functional plans and other strategic initiatives, and which cannot reasonably be accommodated in a three year budget. The Capital Outlook is presented as a planning tool to help balance service expansion priorities with setting aside funds to maintain infrastructure in a state of good repair. It is a framework to help determine priorities, which will change over time due to regulatory requirements or opportunities that may arise such as cost sharing programs.

The outlook is intended to be flexible, and will be reviewed by Council to ensure the municipality's assets are maintained at the appropriate level and that the project budget reflects their priorities.

Recapitalization Needs

Generally speaking, most projects are not developed in sufficient detail beyond three years to be programmed with the required level of certainty in a detailed budget. Project scope and design have often not progressed to the point where an accurate estimate can be determined. Site selection, public consultation and property acquisition may not be complete, and funding agreements and other partnerships are often not solidified.

Notwithstanding, it is possible to estimate recapitalization and renewal costs based on past funding trends and available information on asset condition. The first step in developing the capital outlook is extrapolating recapitalization and renewal needs over the seven years from 2016 to 2022 inclusive. Comparing this amount to an estimate of available funding over the same period is a basis to determine the amount of funding available for service expansions.

	2016	2017	2018 - 2022	7 year Total
Building Recapitalization	12,085,000	11,365,000	79,150,000	
Long Term Arena Strategy	1,000,000	30,000,000	31,000,000	
Recapitalization of Multi District Facilities	4,500,000	5,000,000	29,500,000	
Business Tools Recapitalization	1,545,000	845,000	2,175,000	
Equipment & Fleet Recapitalization	8,850,000	9,000,000	47,250,000	
Metro Transit Recapitalization	15,130,000	7,235,000	79,155,000	
Parks and Playground Recapitalization	4,435,000	5,010,000	29,585,000	
Road & Street Recapitalization	26,345,000	26,715,000	139,125,000	
Sidewalk Recapitalization	2,650,000	2,700,000	14,250,000	
Traffic Signal Recapitalization	1,750,000	1,880,000	10,350,000	
Total State of Good Repair	78,290,000	99,750,000	461,540,000	639,580,000
Funding	117,183,000	121,405,000	689,356,000	927,944,000
Capacity for Service Expansion	38,893,000	21,655,000	227,816,000	288,364,000

The amounts summarized above are based to some extent on historical funding envelopes for the various budget categories.

Funding Projections

The “funding” summarized in the above table includes Debt, Capital from Operating Sources and Gas Tax Funding. When this amount is compared to the recapitalization needs, there will be approximately \$288 million available from borrowing and other transfers in the 7 years beyond 2015 to direct towards service expansions and growth related projects.

This amount does not include reserve contributions, nor does it include cost sharing from the 2013 Federal budget (beyond gas tax funding). Reserves currently contribute \$38.6 million or 23% of the 2013/2014 project budget. As the asset management program is implemented HRM will be in a much better position to determine which assets need to be replaced at the end of their useful life, which assets can be sold or re-purposed, and establish dedicated reserves for these purposes.

Project Budget Summary

Project Year 2013

Budget Category	Total Gross Budget	Project Specific Funding	Borrowing & Other Transfer	Ongoing Impact on the Operating Budget	One-time Impact on Operating Budget
Buildings	23,920,000	4,365,000	19,555,000	374,100	80,000
Business Tools	5,835,000	1,620,000	4,215,000	743,700	-
Community & Property Development	4,840,000	2,835,000	2,005,000	10,000	-
District Activity Funds	1,504,000	-	1,504,000	-	-
Equipment & Fleet	6,430,000	630,000	5,800,000	52,600	-
Industrial Parks	19,790,000	19,790,000	-	35,000	-
Metro Transit	39,897,000	6,867,000	33,030,000	3,265,350	33,200
Parks and Playgrounds	8,086,500	1,711,500	6,375,000	213,000	-
Roads & Streets	26,665,000	400,000	26,265,000	-	-
Sidewalks, Curbs & Gutters	3,685,000	-	3,685,000	22,400	-
Solid Waste	2,795,000	2,795,000	-	49,000	-
Traffic Improvements	21,595,000	12,145,000	9,450,000	43,400	-
Grand Total	165,042,500	53,158,500	111,884,000	4,808,550	113,200

Funding Detail

Project Specific Funding

Cost Sharing	1,461,500
Reserves	38,612,000
LIC/Area Rate	2,190,000
Capital Cost Contribution	1,340,000
Interim Funding for Industrial Parks	8,715,000
Other	840,000
Total	<u>53,158,500</u>

Borrowing and Other Transfers

Capital from Operating	40,354,000
Capital from Operating - Transit	6,800,000
Capital from Operating - Total	<u>47,154,000</u>
Debt	30,390,000
Gas Tax Reserve	25,150,000
Crespool	1,490,000
Cappool	545,000
Re-allocate from Previously Approved Transit Projects	7,155,000
Funding - Total	<u>111,884,000</u>

Project Budget Detail

Project Year 2013

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Buildings				
Accessibility - HRM Facilities	CBX01154	200,000	-	200,000
Alderney Gate Recapitalization(Bundle)	CBX01157	995,000	995,000	-
Architecture - Exterior (Category 2)	CBX01274	1,000,000	-	1,000,000
Architecture - Interior (Category 5)	CBX01273	965,000	-	965,000
Bedford Community Centre	CBX01334	4,150,000	2,190,000	1,960,000
Consulting - Buildings (Category 0)	CBX01268	300,000	-	300,000
Electrical (Category 7)	CBX01275	50,000	-	50,000
Energy Efficiency Projects	CBX01161	500,000	500,000	-
Environmental Remediation/Building Demolition	CBX01162	200,000	200,000	-
Facility Assessment Program	CB990002	250,000	-	250,000
Facility Maintenance - Community Managed Facilities	CBX01343	310,000	-	310,000
Facility Maintenance - HRM Managed Facilities	CB990001	500,000	-	500,000
Former CA Becket School Soil Remediation	CBU01004	50,000	50,000	-
Halifax City Hall Stone Restoration	CBX01046	1,500,000	-	1,500,000
HRM Depot Upgrades	CBX01170	800,000	-	800,000
HRP Lock-up Upgrades	CBX01364	1,000,000	-	1,000,000
Library Facilities Upgrades	CBX01165	165,000	165,000	-
Mechanical (Category 6)	CBX01269	2,975,000	-	2,975,000
Metropark Upgrades	CBX01140	90,000	90,000	-
Multi District Facilities-Upgrades (Bundle)	CB000002	3,425,000	175,000	3,250,000
Regional Park Washrooms	CB000010	1,550,000	-	1,550,000
Roof (Category 3)	CBX01272	775,000	-	775,000
Site Work (Category 1)	CBX01271	540,000	-	540,000
Skating Oval	CBX01344	500,000	-	500,000
St. Andrew's Community Centre Renovation	CB000011	250,000	-	250,000
Strategic Community Facility Planning	CBX01056	350,000	-	350,000
Structural (Category 4)	CBX01270	530,000	-	530,000
Buildings Total		23,920,000	4,365,000	19,555,000
Business Tools				
Application Recapitalization	CI000002	775,000	-	775,000
Business Intelligence (BI) Program	CI990001	590,000	-	590,000
Computer Aided Dispatch (CAD)	CIP00763	200,000	200,000	-
Enterprise Asset Management	CID00631	1,370,000	-	1,370,000
Enterprise Resource System	CIN00200	175,000	-	175,000
ICT Business Tools (bundle)	CI990004	100,000	-	100,000
ICT Infrastructure Recapitalization	CI000004	1,175,000	820,000	355,000
Internet Program	CI000001	600,000	-	600,000
Recreation Services Software	CI000005	250,000	-	250,000
Service Desk System Replacement	CI990002	100,000	100,000	-
Trunk Mobile Radios - TMR	CID01362	500,000	500,000	-
Business Tools Total		5,835,000	1,620,000	4,215,000

Project Budget Detail

Project Year 2013

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Community & Property Development				
Civic Events Equipment	CD990002	50,000	50,000	-
Community Event Venue Upgrades	CDG01137	300,000	-	300,000
Cultural Structures and Places	CD990003	500,000	500,000	-
Downtown Streetscapes	CDX01182	2,285,000	2,285,000	-
Port Wallace Master Plan	CD990004	350,000	-	350,000
Sandy Lake Wastewater Oversizing	CSX01346	55,000	-	55,000
Shubenacadie Canal Greenway	CDG00493	300,000	-	300,000
Streetscaping in center hubs/corridors	CDV00734	1,000,000	-	1,000,000
Community & Property Development Total		4,840,000	2,835,000	2,005,000
District Activity Funds				
District 1 Project Funds	CCV01701	94,000	-	94,000
District 2 Project Funds	CCV01702	94,000	-	94,000
District 3 Project Funds	CCV01703	94,000	-	94,000
District 4 Project Funds	CCV01704	94,000	-	94,000
District 5 Project Funds	CCV01705	94,000	-	94,000
District 6 Project Funds	CCV01706	94,000	-	94,000
District 7 Project Funds	CCV01707	94,000	-	94,000
District 8 Project Funds	CCV01708	94,000	-	94,000
District 9 Project Funds	CCV01709	94,000	-	94,000
District 10 Project Funds	CCV01710	94,000	-	94,000
District 11 Project Funds	CCV01711	94,000	-	94,000
District 12 Project Funds	CCV01712	94,000	-	94,000
District 13 Project Funds	CCV01713	94,000	-	94,000
District 14 Project Funds	CCV01714	94,000	-	94,000
District 15 Project Funds	CCV01715	94,000	-	94,000
District 16 Project Funds	CCV01716	94,000	-	94,000
District Activity Funds Total		1,504,000	-	1,504,000
Equipment & Fleet				
Bomb Disposal Robot	CV020001	100,000	-	100,000
Fire Apparatus Replacement	CVJ01088	2,000,000	-	2,000,000
Fire Services Driver Testing System	CV010002	100,000	-	100,000
Fire Services Driving Simulator	CV010001	400,000	400,000	-
Fire Services Equipment Replacement	CE010001	350,000	-	350,000
Fire Services Water Supply	CE010002	150,000	-	150,000
Fire Station Defibrillator	CV020002	350,000	-	350,000
Fleet Services - Shop Equipment	CEU01132	50,000	-	50,000
Fleet Vehicle Replacement	CVD01087	1,200,000	-	1,200,000
Ice Resurfacers Replacement	CVU01207	300,000	150,000	150,000
Opticom Signalization System	CEJ01220	80,000	80,000	-
Police Marked Cars	CVK01090	1,350,000	-	1,350,000
Equipment & Fleet Total		6,430,000	630,000	5,800,000

Project Budget Detail

Project Year 2013

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Industrial Parks				
Burnside & City of Lakes Development	CQ300741	11,000,000	11,000,000	-
Business Park Sign Renewal & Maintenance	CQ300745	25,000	25,000	-
Development Consulting	CQ300746	50,000	50,000	-
Industrial Land Acquisition	CQ000001	8,715,000	8,715,000	-
Industrial Parks Total		19,790,000	19,790,000	-
Metro Transit				
Access-A-Bus Expansion	CVD00429	250,000	-	250,000
Biennial Ferry Refit	CVD00436	600,000	-	600,000
Bus Accessibility Retrofit	CM020004	180,000	-	180,000
Bus Stop Accessibility	CBT00432	125,000	-	125,000
Bus Stop Signs	CM000002	15,000	-	15,000
Commuter Rail Study	CM990001	250,000	-	250,000
Conventional Bus Expansion	CVD00434	5,075,000	-	5,075,000
Conventional Bus Replacement	CVD00435	3,545,000	-	3,545,000
Emission Reduction - Public Transit Buses	CM020006	867,000	867,000	-
Ferry Terminal Pontoon Rehabilitation	CBX01171	3,000,000	-	3,000,000
Highfield Terminal Upgrade	CB000018	1,500,000	-	1,500,000
Lacewood Terminal Replacement	CB000013	3,650,000	-	3,650,000
Mid Life Bus Rebuild	CVD00431	500,000	-	500,000
New Conventional Ferry	CMX01123	6,000,000	6,000,000	-
New Transit Map	CM990002	150,000	-	150,000
New Transit Technology	CM020005	8,780,000	-	8,780,000
Ragged Lake Transit Centre Expansion	CB000001	3,735,000	-	3,735,000
Replacement Transit Technology	CMU01203	410,000	-	410,000
Service Vehicle Replacement	CVD00433	90,000	-	90,000
Transit Facilities Upgrades (Bundle)	CBX01164	450,000	-	450,000
Transit Security	CMU00982	400,000	-	400,000
Transit Software	CIU00875	200,000	-	200,000
Transit Strategy	CMU01095	125,000	-	125,000
Metro Transit Total		39,897,000	6,867,000	33,030,000

Project Budget Detail

Project Year 2013

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Parks and Playgrounds				
Artificial Fields	CPX01347	900,000	-	900,000
Cemetery Upgrades (Bundle)	CPX01181	100,000	-	100,000
Horticultural Renovations	CPX01183	70,000	-	70,000
Park Assets - State of Good Repair	CP000002	1,462,000	472,000	990,000
Park Land Acquisition	CPX01149	500,000	500,000	-
Parks, Sports Courts & Fields - Service Improvement	CP000004	1,036,000	606,000	430,000
Point Pleasant Park Upgrades	CP000006	50,000	50,000	-
Public Gardens Upgrades	CPX01193	200,000	50,000	150,000
Regional Trails Active Transportation	CPX01196	1,050,000	-	1,050,000
Regional Trails: Maintenance	CDG00983	100,000	-	100,000
Regional Water Access/ Beach Upgrades	CPX01331	940,000	-	940,000
Sports Fields/Courts - State of Good Repair	CP000003	1,028,500	33,500	995,000
Street Trees	CP990001	650,000	-	650,000
Parks and Playgrounds Total		8,086,500	1,711,500	6,375,000
Roads & Streets				
Bridges	CRU01077	1,800,000	-	1,800,000
Curb Renewals	CYU01076	330,000	-	330,000
Municipal Operations - State of Good Repair	CR990002	2,115,000	-	2,115,000
Other Road Related Works	CRU01079	1,720,000	-	1,720,000
Storm Sewer Upgrades	CR000001	200,000	-	200,000
Street Recapitalization	CYX01345	20,500,000	400,000	20,100,000
Roads & Streets Total		26,665,000	400,000	26,265,000
Sidewalks, Curbs & Gutters				
New Sidewalks	CR000003	1,185,000	-	1,185,000
Sidewalk Renewals	CKU01084	2,500,000	-	2,500,000
Sidewalks, Curbs & Gutters Total		3,685,000	-	3,685,000
Solid Waste				
Additional Green Carts for New Residents	CW000001	435,000	435,000	-
Biolac System Hwy 101 Landfill	CWU01064	310,000	310,000	-
Environment Monitoring Site Work 101 Landfill	CWU01353	450,000	450,000	-
Otter Lake Equipment	CW000002	1,600,000	1,600,000	-
Solid Waste Total		2,795,000	2,795,000	-

Project Budget Detail

Project Year 2013

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Traffic Improvements				
Active Transportation Plan Implementation	CTU00420	1,000,000	-	1,000,000
Bayer's Road Upgrades/Transit Corridor Study	CMU00975	240,000	-	240,000
Controller Cabinet and Detection Program	CT000004	400,000	-	400,000
Functional Transportation Plans	CTU00884	100,000	-	100,000
Intersection Improvement Program	CTU01086	1,800,000	-	1,800,000
LED Conversion of HRM Streetlights	CT000005	8,000,000	8,000,000	-
Margeson Drive Interchange	CTX01111	2,580,000	2,580,000	-
North Park Corridor Improvements	CT000001	200,000	-	200,000
Overhead Wiring Conversion	CTU01284	150,000	-	150,000
Road Corridor Land Acquisition	CTU00897	280,000	-	280,000
Road Network Model	CTU01285	750,000	-	750,000
Roadway Oversizing - Bedford West CCC	CTU01006	2,000,000	1,340,000	660,000
Street Lighting	CRU00792	225,000	225,000	-
Traffic Signal Installation	CTU01085	600,000	-	600,000
Traffic Signal Rehabilitation	CTU00419	600,000	-	600,000
Traffic Signal Relamping Program	CT000002	170,000	-	170,000
Traffic Signal System Integration	CT140001	1,200,000	-	1,200,000
Traffic Studies	CT000003	100,000	-	100,000
Transportation Demand Management Program	CTR00908	200,000	-	200,000
Variable Messaging Signs	CTX01115	1,000,000	-	1,000,000
Traffic Improvements Total		21,595,000	12,145,000	9,450,000
Grand Total		165,042,500	53,158,500	111,884,000

Project Budget Summary

Project Year 2014

Budget Category	Total Gross Budget	Project Specific Funding	Borrowing & Other Transfer	Ongoing Impact on the Operating Budget	One-time Impact on Operating Budget
Buildings	20,005,000	2,245,000	17,760,000	1,548,000	-
Business Tools	5,175,000	1,000,000	4,175,000	390,000	-
Community & Property Development	7,595,000	3,625,000	3,970,000	10,000	-
District Activity Funds	1,504,000	-	1,504,000	-	-
Equipment & Fleet	7,760,000	80,000	7,680,000	24,000	-
Industrial Parks	15,075,000	15,075,000	-	35,000	-
Metro Transit	26,362,000	867,000	25,495,000	2,020,300	22,000
Parks and Playgrounds	6,895,000	1,180,000	5,715,000	195,000	-
Roads & Streets	29,315,000	2,250,000	27,065,000	10,000	-
Sidewalks, Curbs & Gutters	5,050,000	-	5,050,000	30,000	-
Solid Waste	3,195,000	3,195,000	-	49,000	-
Traffic Improvements	18,135,000	6,705,000	11,430,000	17,000	55,000
Grand Total	146,066,000	36,222,000	109,844,000	4,328,300	77,000

Funding Detail

Project Specific Funding

Cost Sharing	1,030,000
Reserves	33,442,000
LIC/Area Rate	1,750,000
Capital Cost Contribution	-
Total	<u><u>36,222,000</u></u>

Borrowing and Other Transfers

Capital from Operating	43,231,000
Capital from Operating - Transit	6,425,000
Capital from Operating - Total	<u>49,656,000</u>
Debt	32,632,000
Gas Tax Reserve	25,650,000
Crespool	1,500,000
Cappool	406,000
Funding - Total	<u><u>109,844,000</u></u>

Project Budget Detail

Project Year 2014

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Buildings				
Accessibility - HRM Facilities	CBX01154	250,000	-	250,000
Alderney Gate Recapitalization(Bundle)	CBX01157	470,000	470,000	-
Architecture - Exterior (Category 2)	CBX01274	1,300,000	-	1,300,000
Architecture - Interior (Category 5)	CBX01273	500,000	-	500,000
Bedford Branch Library	CBX01351	200,000	-	200,000
Cole Harbour High School Enhancements	CB000005	630,000	-	630,000
Consulting - Buildings (Category 0)	CBX01268	300,000	-	300,000
Eastern Passage High School Enhancements	CB000007	630,000	-	630,000
Electrical (Category 7)	CBX01275	500,000	-	500,000
Energy Efficiency Projects	CBX01161	500,000	500,000	-
Environmental Remediation/Building Demolition	CBX01162	200,000	200,000	-
Facility Assessment Program	CB990002	250,000	-	250,000
Facility Maintenance - Community Managed Facilities	CBX01343	750,000	-	750,000
Facility Maintenance - HRM Managed Facilities	CB990001	2,000,000	-	2,000,000
Fire Station Land Acquisition	CBX01102	1,000,000	1,000,000	-
HRM Depot Upgrades	CBX01170	450,000	-	450,000
HRP Lock-up Upgrades	CBX01364	2,000,000	-	2,000,000
Mechanical (Category 6)	CBX01269	1,750,000	-	1,750,000
Metropark Upgrades	CBX01140	75,000	75,000	-
Multi District Facilities-Upgrades (Bundle)	CB000002	3,250,000	-	3,250,000
Roof (Category 3)	CBX01272	1,000,000	-	1,000,000
Site Work (Category 1)	CBX01271	750,000	-	750,000
St. Andrew's Community Centre Renovation	CB000011	250,000	-	250,000
Strategic Community Facility Planning	CBX01056	500,000	-	500,000
Structural (Category 4)	CBX01270	500,000	-	500,000
Buildings Total		20,005,000	2,245,000	17,760,000
Business Tools				
Application Recapitalization	CI000002	500,000	500,000	-
Automated Vehicle Location (AVL)	CID01292	1,000,000	-	1,000,000
Business Intelligence (BI) Program	CI990001	525,000	-	525,000
Enterprise Asset Management	CID00631	1,350,000	-	1,350,000
ICT Infrastructure Recapitalization	CI000004	500,000	500,000	-
Internet Program	CI000001	1,000,000	-	1,000,000
Recreation Services Software	CI000005	300,000	-	300,000
Business Tools Total		5,175,000	1,000,000	4,175,000
Community & Property Development				
Civic Events Equipment	CD990002	50,000	50,000	-
Community Event Venue Upgrades	CDG01137	300,000	-	300,000
Cultural Structures and Places	CD990003	350,000	350,000	-
Downtown Streetscapes	CDX01182	3,225,000	3,225,000	-
Sandy Lake Wastewater Oversizing	CSX01346	670,000	-	670,000
Shubenacadie Canal Greenway	CDG00493	3,000,000	-	3,000,000
Community & Property Development Total		7,595,000	3,625,000	3,970,000

Project Budget Detail

Project Year 2014

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
District Activity Funds				
District 1 Project Funds	CCV01701	94,000	-	94,000
District 2 Project Funds	CCV01702	94,000	-	94,000
District 3 Project Funds	CCV01703	94,000	-	94,000
District 4 Project Funds	CCV01704	94,000	-	94,000
District 5 Project Funds	CCV01705	94,000	-	94,000
District 6 Project Funds	CCV01706	94,000	-	94,000
District 7 Project Funds	CCV01707	94,000	-	94,000
District 8 Project Funds	CCV01708	94,000	-	94,000
District 9 Project Funds	CCV01709	94,000	-	94,000
District 10 Project Funds	CCV01710	94,000	-	94,000
District 11 Project Funds	CCV01711	94,000	-	94,000
District 12 Project Funds	CCV01712	94,000	-	94,000
District 13 Project Funds	CCV01713	94,000	-	94,000
District 14 Project Funds	CCV01714	94,000	-	94,000
District 15 Project Funds	CCV01715	94,000	-	94,000
District 16 Project Funds	CCV01716	94,000	-	94,000
District Activity Funds Total		1,504,000	-	1,504,000
Equipment & Fleet				
Fire Apparatus Replacement	CVJ01088	3,500,000	-	3,500,000
Fire Services Equipment Replacement	CE010001	350,000	-	350,000
Fire Services Water Supply	CE010002	150,000	-	150,000
Fleet Services - Shop Equipment	CEU01132	50,000	-	50,000
Fleet Vehicle Replacement	CVD01087	1,830,000	-	1,830,000
Ice Resurfacers Replacement	CVU01207	150,000	-	150,000
Opticom Signalization System	CEJ01220	80,000	80,000	-
Police Marked Cars	CVK01090	1,650,000	-	1,650,000
Equipment & Fleet Total		7,760,000	80,000	7,680,000
Industrial Parks				
Burnside & City of Lakes Development	CQ300741	15,000,000	15,000,000	-
Business Park Sign Renewal & Maintenance	CQ300745	25,000	25,000	-
Development Consulting	CQ300746	50,000	50,000	-
Industrial Parks Total		15,075,000	15,075,000	-

Project Budget Detail

Project Year 2014

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Metro Transit				
Access-A-Bus Expansion	CVD00429	250,000	-	250,000
Access-A-Bus Replacement	CVD00430	400,000	-	400,000
Biennial Ferry Refit	CVD00436	540,000	-	540,000
Bus Stop Accessibility	CBT00432	125,000	-	125,000
Bus Stop Signs	CM000002	10,000	-	10,000
Conventional Bus Expansion	CVD00434	2,400,000	-	2,400,000
Conventional Bus Replacement	CVD00435	3,150,000	-	3,150,000
Emission Reduction - Public Transit Buses	CM020006	867,000	867,000	-
Ferry Terminal Pontoon Rehabilitation	CBX01171	500,000	-	500,000
Lacewood Terminal Replacement	CB000013	4,850,000	-	4,850,000
Mid Life Bus Rebuild	CVD00431	300,000	-	300,000
New Transit Technology	CM020005	11,630,000	-	11,630,000
Replacement Transit Technology	CMU01203	210,000	-	210,000
Service Vehicle Replacement	CVD00433	135,000	-	135,000
Shelters Replacement/Expansion	CBT00437	105,000	-	105,000
Transit Facilities Upgrades (Bundle)	CBX01164	450,000	-	450,000
Transit Security	CMU00982	300,000	-	300,000
Transit Software	CIU00875	140,000	-	140,000
Metro Transit Total		26,362,000	867,000	25,495,000
Parks and Playgrounds				
Cemetery Upgrades (Bundle)	CPX01181	100,000	-	100,000
Horticultural Renovations	CPX01183	70,000	-	70,000
Park Assets - State of Good Repair	CP000002	1,400,000	280,000	1,120,000
Park Land Acquisition	CPX01149	500,000	500,000	-
Parks, Sports Courts & Fields - Service Improvement	CP000004	1,250,000	250,000	1,000,000
Point Pleasant Park Upgrades	CP000006	150,000	150,000	-
Public Gardens Upgrades	CPX01193	150,000	-	150,000
Regional Trails Active Transportation	CPX01196	850,000	-	850,000
Regional Trails: Maintenance	CDG00983	125,000	-	125,000
Regional Water Access/ Beach Upgrades	CPX01331	650,000	-	650,000
Sports Fields/Courts - State of Good Repair	CP000003	1,000,000	-	1,000,000
Street Trees	CP990001	650,000	-	650,000
Parks and Playgrounds Total		6,895,000	1,180,000	5,715,000
Roads & Streets				
Bridges	CRU01077	2,500,000	-	2,500,000
Curb Renewals	CYU01076	1,100,000	-	1,100,000
Municipal Operations - State of Good Repair	CR990002	2,115,000	-	2,115,000
New Paving Streets - Core Area	CR000002	500,000	250,000	250,000
New Paving Subdivision St's outside core	CR990001	1,000,000	1,000,000	-
Other Road Related Works	CRU01079	1,500,000	-	1,500,000
Storm Sewer Upgrades	CR000001	2,000,000	1,000,000	1,000,000
Street Recapitalization	CYX01345	18,600,000	-	18,600,000
Roads & Streets Total		29,315,000	2,250,000	27,065,000
Sidewalks, Curbs & Gutters				

Project Budget Detail

Project Year 2014

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
New Sidewalks	CR000003	2,500,000	-	2,500,000
Sidewalk Renewals	CKU01084	2,550,000	-	2,550,000
Sidewalks, Curbs & Gutters Total		5,050,000	-	5,050,000
Solid Waste				
Additional Green Carts for New Residents	CW000001	435,000	435,000	-
Dredging of Siltation Pond	CWU01092	360,000	360,000	-
Half Closure Cell 6 - Otter Lake	CWU01358	1,400,000	1,400,000	-
Otter Lake Equipment	CW000002	1,000,000	1,000,000	-
Solid Waste Total		3,195,000	3,195,000	-
Traffic Improvements				
Active Transportation Plan Implementation	CTU00420	1,000,000	-	1,000,000
Barrington Street Upgrades	CT000006	1,500,000	-	1,500,000
Controller Cabinet and Detection Program	CT000004	400,000	-	400,000
Functional Transportation Plans	CTU00884	100,000	-	100,000
Intersection Improvement Program	CTU01086	700,000	-	700,000
LED Conversion of HRM Streetlights	CT000005	6,500,000	6,500,000	-
North Park Corridor Improvements	CT000001	3,800,000	-	3,800,000
Overhead Wiring Conversion	CTU01284	1,500,000	-	1,500,000
Road Corridor Land Acquisition	CTU00897	250,000	-	250,000
Road Network Model	CTU01285	100,000	-	100,000
Street Lighting	CRU00792	205,000	205,000	-
Traffic Signal Installation	CTU01085	600,000	-	600,000
Traffic Signal Rehabilitation	CTU00419	280,000	-	280,000
Traffic Signal System Integration	CT140001	1,000,000	-	1,000,000
Transportation Demand Management Program	CTR00908	200,000	-	200,000
Traffic Improvements Total		18,135,000	6,705,000	11,430,000
Grand Total		146,066,000	36,222,000	109,844,000

Project Budget Summary

Project Year 2015

Budget Category	Total Gross Budget	Project Specific Funding	Borrowing & Other Transfer	Ongoing Impact on the Operating Budget	One-time Impact on Operating Budget
Buildings	28,675,000	2,055,000	26,620,000	-	-
Business Tools	4,425,000	1,000,000	3,425,000	-	-
Community & Property Development	3,385,000	3,140,000	245,000	60,000	-
District Activity Funds	1,504,000	-	1,504,000	-	-
Equipment & Fleet	8,710,000	80,000	8,630,000	24,000	-
Industrial Parks	30,790,000	30,790,000	-	35,000	-
Metro Transit	24,512,000	867,000	23,645,000	2,495,800	12,000
Parks and Playgrounds	7,245,000	1,030,000	6,215,000	190,000	-
Roads & Streets	28,190,000	1,125,000	27,065,000	10,000	-
Sidewalks, Curbs & Gutters	5,100,000	-	5,100,000	30,000	-
Solid Waste	25,022,000	25,022,000	-	49,000	-
Traffic Improvements	14,945,000	6,120,000	8,825,000	17,000	-
Grand Total	182,503,000	71,229,000	111,274,000	2,910,800	12,000

Funding Detail

Project Specific Funding

Cost Sharing	1,030,000
Reserves	60,859,000
LIC/Area Rate	625,000
Capital Cost Contribution	-
Interim Funding for Industrial Parks	8,715,000
Total	<u>71,229,000</u>

Borrowing and Other Transfers

Capital from Operating	44,711,000
Capital from Operating - Transit	4,575,000
Capital from Operating - Total	<u>49,286,000</u>
Debt	34,341,000
Gas Tax Reserve	26,165,000
Crespool	985,000
Cappool	497,000
Funding - Total	<u>111,274,000</u>

Project Budget Detail

Project Year 2015

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Buildings				
Accessibility - HRM Facilities	CBX01154	250,000	-	250,000
Alderney Gate Recapitalization(Bundle)	CBX01157	370,000	370,000	-
Architecture - Exterior (Category 2)	CBX01274	1,200,000	-	1,200,000
Architecture - Interior (Category 5)	CBX01273	500,000	-	500,000
Consulting - Buildings (Category 0)	CBX01268	325,000	-	325,000
Electrical (Category 7)	CBX01275	500,000	-	500,000
Energy Efficiency Projects	CBX01161	500,000	500,000	-
Environmental Remediation/Building Demolition	CBX01162	200,000	200,000	-
Facility Assessment Program	CB990002	55,000	-	55,000
Facility Maintenance - Community Managed Facilities	CBX01343	750,000	-	750,000
Facility Maintenance - HRM Managed Facilities	CB990001	2,000,000	-	2,000,000
Fire Station Land Acquisition	CBX01102	900,000	900,000	-
George Dixon Community Centre - Renovation	CB000020	40,000	-	40,000
Halifax North Recreation Facility	CB000009	500,000	-	500,000
HRM Depot Upgrades	CBX01170	5,950,000	-	5,950,000
Mechanical (Category 6)	CBX01269	1,250,000	-	1,250,000
Metropark Upgrades	CBX01140	85,000	85,000	-
Multi District Facilities-Upgrades (Bundle)	CB000002	3,200,000	-	3,200,000
Roof (Category 3)	CBX01272	4,250,000	-	4,250,000
Site Work (Category 1)	CBX01271	1,050,000	-	1,050,000
St. Andrew's Community Centre Renovation	CB000011	3,800,000	-	3,800,000
Strategic Community Facility Planning	CBX01056	500,000	-	500,000
Structural (Category 4)	CBX01270	500,000	-	500,000
Buildings Total		28,675,000	2,055,000	26,620,000
Business Tools				
Application Recapitalization	CI000002	500,000	500,000	-
Business Intelligence (BI) Program	CI990001	375,000	-	375,000
Enterprise Asset Management	CID00631	500,000	-	500,000
ICT Infrastructure Recapitalization	CI000004	500,000	500,000	-
Internet Program	CI000001	250,000	-	250,000
Recreation Services Software	CI000005	500,000	-	500,000
Trunk Mobile Radios - TMR	CID01362	1,800,000	-	1,800,000
Business Tools Total		4,425,000	1,000,000	3,425,000
Community & Property Development				
Civic Events Equipment	CD990002	50,000	50,000	-
Community Event Venue Upgrades	CDG01137	150,000	-	150,000
Cultural Structures and Places	CD990003	350,000	350,000	-
Downtown Streetscapes	CDX01182	2,740,000	2,740,000	-
Sandy Lake Wastewater Oversizing	CSX01346	95,000	-	95,000
Community & Property Development Total		3,385,000	3,140,000	245,000

Project Budget Detail

Project Year 2015

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
District Activity Funds				
District 1 Project Funds	CCV01701	94,000	-	94,000
District 2 Project Funds	CCV01702	94,000	-	94,000
District 3 Project Funds	CCV01703	94,000	-	94,000
District 4 Project Funds	CCV01704	94,000	-	94,000
District 5 Project Funds	CCV01705	94,000	-	94,000
District 6 Project Funds	CCV01706	94,000	-	94,000
District 7 Project Funds	CCV01707	94,000	-	94,000
District 8 Project Funds	CCV01708	94,000	-	94,000
District 9 Project Funds	CCV01709	94,000	-	94,000
District 10 Project Funds	CCV01710	94,000	-	94,000
District 11 Project Funds	CCV01711	94,000	-	94,000
District 12 Project Funds	CCV01712	94,000	-	94,000
District 13 Project Funds	CCV01713	94,000	-	94,000
District 14 Project Funds	CCV01714	94,000	-	94,000
District 15 Project Funds	CCV01715	94,000	-	94,000
District 16 Project Funds	CCV01716	94,000	-	94,000
District Activity Funds Total		1,504,000	-	1,504,000
Equipment & Fleet				
Fire Apparatus Replacement	CVJ01088	4,500,000	-	4,500,000
Fire Services Equipment Replacement	CE010001	350,000	-	350,000
Fire Services Water Supply	CE010002	150,000	-	150,000
Fleet Services - Shop Equipment	CEU01132	50,000	-	50,000
Fleet Vehicle Replacement	CVD01087	1,780,000	-	1,780,000
Ice Resurfacers Replacement	CVU01207	150,000	-	150,000
Opticom Signalization System	CEJ01220	80,000	80,000	-
Police Marked Cars	CVK01090	1,650,000	-	1,650,000
Equipment & Fleet Total		8,710,000	80,000	8,630,000
Industrial Parks				
Bayers Lake Infill & Ragged Lk Dvlpmnt	CQ300743	7,000,000	7,000,000	-
Burnside & City of Lakes Development	CQ300741	15,000,000	15,000,000	-
Business Park Sign Renewal & Maintenance	CQ300745	25,000	25,000	-
Development Consulting	CQ300746	50,000	50,000	-
Industrial Land Acquisition	CQ000001	8,715,000	8,715,000	-
Industrial Parks Total		30,790,000	30,790,000	-

Project Budget Detail

Project Year 2015

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
Metro Transit				
Access-A-Bus Expansion	CVD00429	250,000	-	250,000
Access-A-Bus Replacement	CVD00430	1,000,000	-	1,000,000
Biennial Ferry Refit	CVD00436	730,000	-	730,000
Bus Stop Accessibility	CBT00432	125,000	-	125,000
Bus Stop Signs	CM000002	10,000	-	10,000
Conventional Bus Expansion	CVD00434	2,400,000	-	2,400,000
Conventional Bus Replacement	CVD00435	1,800,000	-	1,800,000
Emission Reduction - Public Transit Buses	CM020006	867,000	867,000	-
Ferry Terminal Pontoon Rehabilitation	CBX01171	500,000	-	500,000
Mid Life Bus Rebuild	CVD00431	300,000	-	300,000
New Transit Technology	CM020005	15,190,000	-	15,190,000
Replacement Transit Technology	CMU01203	210,000	-	210,000
Service Vehicle Replacement	CVD00433	135,000	-	135,000
Shelters Replacement/Expansion	CBT00437	105,000	-	105,000
Transit Facilities Upgrades (Bundle)	CBX01164	450,000	-	450,000
Transit Security	CMU00982	300,000	-	300,000
Transit Software	CIU00875	140,000	-	140,000
Metro Transit Total		24,512,000	867,000	23,645,000
Parks and Playgrounds				
Cemetery Upgrades (Bundle)	CPX01181	100,000	-	100,000
Horticultural Renovations	CPX01183	70,000	-	70,000
Park Assets - State of Good Repair	CP000002	1,400,000	280,000	1,120,000
Park Land Acquisition	CPX01149	500,000	500,000	-
Parks, Sports Courts & Fields - Service Improvement	CP000004	1,250,000	250,000	1,000,000
Public Gardens Upgrades	CPX01193	150,000	-	150,000
Regional Trails Active Transportation	CPX01196	850,000	-	850,000
Regional Trails: Maintenance	CDG00983	125,000	-	125,000
Regional Water Access/ Beach Upgrades	CPX01331	650,000	-	650,000
Sports Fields/Courts - State of Good Repair	CP000003	1,500,000	-	1,500,000
Street Trees	CP990001	650,000	-	650,000
Parks and Playgrounds Total		7,245,000	1,030,000	6,215,000
Roads & Streets				
Bridges	CRU01077	2,500,000	-	2,500,000
Curb Renewals	CYU01076	1,100,000	-	1,100,000
Municipal Operations - State of Good Repair	CR990002	2,115,000	-	2,115,000
New Paving Streets - Core Area	CR000002	250,000	125,000	125,000
New Paving Subdivision St's outside core	CR990001	1,000,000	1,000,000	-
Other Road Related Works	CRU01079	1,500,000	-	1,500,000
Storm Sewer Upgrades	CR000001	1,000,000	-	1,000,000
Street Recapitalization	CYX01345	18,725,000	-	18,725,000
Roads & Streets Total		28,190,000	1,125,000	27,065,000

Project Budget Detail

Project Year 2015

Project Name	Project #	Gross Budget	Project Specific Funding	Borrowing & Other Transfer
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	435,000	435,000	-
Burner Installation Hwy101 Lndfill	CWU01065	30,000	30,000	-
Cell 7 Construction - Otter Lake	CWU01357	18,595,000	18,595,000	-
Half Closure Cell 6 - Otter Lake	CWU01358	4,862,000	4,862,000	-
Otter Lake Equipment	CW000002	850,000	850,000	-
Refuse Trailers Rural Depots	CWU01355	250,000	250,000	-
Solid Waste Total		25,022,000	25,022,000	-
Traffic Improvements				
Active Transportation Plan Implementation	CTU00420	1,200,000	-	1,200,000
Controller Cabinet and Detection Program	CT000004	500,000	-	500,000
Functional Transportation Plans	CTU00884	100,000	-	100,000
Herring Cove Road Widening	CTX01116	200,000	-	200,000
Intersection Improvement Program	CTU01086	2,900,000	-	2,900,000
LED Conversion of HRM Streetlights	CT000005	5,900,000	5,900,000	-
Margeson Drive	CTU01287	2,025,000	-	2,025,000
Road Corridor Land Acquisition	CTU00897	200,000	-	200,000
Street Lighting	CRU00792	220,000	220,000	-
Traffic Signal Installation	CTU01085	750,000	-	750,000
Traffic Signal Rehabilitation	CTU00419	650,000	-	650,000
Traffic Studies	CT000003	100,000	-	100,000
Transportation Demand Management Program	CTR00908	200,000	-	200,000
Traffic Improvements Total		14,945,000	6,120,000	8,825,000
Grand Total		182,503,000	71,229,000	111,274,000

Appendix 1

Capital Project Supplementary Reports

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Buildings					
A1	Accessibility - HRM Facilities	CBX01154	200,000	250,000	250,000	700,000
A2	Alderney Gate Recapitalization(Bundle)	CBX01157	995,000	470,000	370,000	1,835,000
A3	Architecture - Exterior (Category 2)	CBX01274	1,000,000	1,300,000	1,200,000	3,500,000
A4	Architecture - Interior (Category 5)	CBX01273	965,000	500,000	500,000	1,965,000
A5	Bedford Branch Library	CBX01351		200,000		200,000
A6	Bedford Community Centre	CBX01334	4,150,000			4,150,000
A7	Cole Harbour High School Enhancements	CB000005		630,000		630,000
A8	Consulting - Buildings (Category 0)	CBX01268	300,000	300,000	325,000	925,000
A9	Eastern Passage High School Enhancements	CB000007		630,000		630,000
A10	Electrical (Category 7)	CBX01275	50,000	500,000	500,000	1,050,000
A11	Energy Efficiency Projects	CBX01161	500,000	500,000	500,000	1,500,000
A12	Environmental Remediation/Building Demolition	CBX01162	200,000	200,000	200,000	600,000
A13	Facility Assessment Program	CB990002	250,000	250,000	55,000	555,000
A14	Facility Maintenance - Community Managed Facilities	CBX01343	310,000	750,000	750,000	1,810,000
A15	Facility Maintenance - HRM Managed Facilities	CB990001	500,000	2,000,000	2,000,000	4,500,000
A16	Fire Station Land Acquisition	CBX01102		1,000,000	900,000	1,900,000
A17	Former CA Becket School Soil Remediation	CBU01004	50,000			50,000
A18	George Dixon Community Centre - Renovation	CB000020			40,000	40,000
A19	Halifax City Hall Stone Restoration	CBX01046	1,500,000			1,500,000
A20	Halifax North Recreation Facility	CB000009			500,000	500,000
A21	HRM Depot Upgrades	CBX01170	800,000	450,000	5,950,000	7,200,000
A22	HRP Lock-up Upgrades	CBX01364	1,000,000	2,000,000		3,000,000
A23	Library Facilities Upgrades	CBX01165	165,000			165,000
A24	Mechanical (Category 6)	CBX01269	2,975,000	1,750,000	1,250,000	5,975,000
A25	Metropark Upgrades	CBX01140	90,000	75,000	85,000	250,000
A26	Multi District Facilities-Upgrades (Bundle)	CB000002	3,425,000	3,250,000	3,200,000	9,875,000
A27	Regional Park Washrooms	CB000010	1,550,000			1,550,000
A28	Roof (Category 3)	CBX01272	775,000	1,000,000	4,250,000	6,025,000
A29	Site Work (Category 1)	CBX01271	540,000	750,000	1,050,000	2,340,000
A30	Skating Oval	CBX01344	500,000			500,000
A31	St. Andrew's Community Centre Renovation	CB000011	250,000	250,000	3,800,000	4,300,000
A32	Strategic Community Facility Planning	CBX01056	350,000	500,000	500,000	1,350,000
A33	Structural (Category 4)	CBX01270	530,000	500,000	500,000	1,530,000
	Total		23,920,000	20,005,000	28,675,000	72,600,000

Supplemental Report

Project Name:	Accessibility - HRM Facilities
Project Number:	CBX01154
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

This program is designed to remove physical barriers which restrict citizen access to HRM programs and services at various municipally owned facilities. Prioritization of projects is facilitated by the Advisory Committee for Persons with Disabilities. In previous years, this account has funded installation of ramps, door operators, and audible signals.

Priority projects in 2013/14 include, but are not limited to: 1) upgrades at the St. Mary's Boat club; 2) a ramp at Acadia School; 3) ramp at Cunard Pond Beach; 4) upgrades to the strobe/bell systems throughout HRM; 5) lever handle in doors throughout HRM; and 6) upgrades to the City Hall elevator.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	250,000	250,000	700,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	200,000	250,000	250,000	700,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Alderney Gate Recapitalization(Bundle)
Project Number:	CBX01157
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	25

Project Description:

This project will be used to cover costs of the recapitalization of the Alderney Gate building envelope and systems for maintenance items that are not directly recoverable from tenants, leasehold improvements and/or tenant allowances, to retain tenants or attract new tenants at the expiration of leases, etc. This project deals with priority recapitalization projects which impact safety and operating conditions. This project is reserve funded by the Alderney Gate Recapitalization and Leasehold Improvement Reserve established in 2005.

Priority projects in 2013/14 include, but are not limited to: 1) improvements to the parking system; 2) repairs to the podium; 3) roof replacement; and 4) corporate accommodations recapitalization.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	995,000	470,000	370,000	1,835,000
Funding Source:				
Reserve Q135 - Alderney Gate Recapitalization	995,000	470,000	370,000	1,835,000
	-	-	-	-
Total Funding:	995,000	470,000	370,000	1,835,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Architecture - Exterior (Category 2)
Project Number:	CBX01274
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

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

Priority projects in 2013/14 include, but are not limited to: 1) Richmond Family Court masonry restoration; 2) Gardeners Cottage (Public Gardens) masonry restoration and windows; and 3) Halifax Regional Police Headquarters masonry restoration.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,000,000	1,300,000	1,200,000	3,500,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,000,000	1,300,000	1,200,000	3,500,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Architecture - Interior (Category 5)
Project Number:	CBX01273
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	15

Project Description:

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

Priority projects in 2013/14 include, but are not limited to: 1) City Hall - improvements to the entry, meeting rooms and security desk to improve functional deficiencies in the southwest area of the building; 2) Dartmouth Ferry Terminal renovations to the third floor; and 3) Musquodoboit Harbour Centre renovations.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	965,000	500,000	500,000	1,965,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	965,000	500,000	500,000	1,965,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Bedford Branch Library
Project Number:	CBX01351
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	30

Project Description:

In the Library's 2004 Master Facilities Plan, expansion/replacement of the Bedford Library was identified as the third priority recommendation. The first 2 priorities (Woodlawn and Central) have been or are being built presently. Therefore, when the Libraries master plan is updated this spring it is anticipated that the Bedford Branch will be the top priority. This 5,949 sq. ft. Library faces significant space constraints severely restricting its ability to provide for the public library service needs of this growing community. In addition, the facility deals with ongoing ventilation and storage issues. National library standards indicate a .7 sq. ft. per capita of library space; the Bedford Library has .29 sq. ft. per capita.

The scope of work in 2014/15 includes, but is not limited to, hiring a consultant to provide an analysis on possible solutions. In previous years there was an amount of \$5M identified for a new build. This amount was removed as the new solution may be a lease agreement. When the solution is proposed, a funding plan will be brought forward.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	200,000	-	200,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	200,000	-	200,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Bedford Community Centre
Project Number:	CBX01334
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	30

Project Description:

The Province of Nova Scotia is constructing a new school in Bedford West to serve the growing population of the area. HRM is partnering with the province to expand the school programming to include community facilities. Economies of scale are reached when partnering with the Province versus building a stand alone facility.

The Bedford/Hammonds Plains Community Centre will be 32,000 square feet, the largest community centre built to date in HRM, either stand alone or in partnership. It will be suitable for community sport & recreation, minor sport and high school. The community will also be served by several program rooms for preschool, art & craft, youth and seniors. Rooms, with floating hardwood, will be included for fitness, dance and Pilates. The building is targeting a LEED Gold status which is a rating system for Leadership in Energy and Environmental Design. The cafeteria has been enhanced to provide community production space.

HRM's share of this project is partially financed by an area rate and the facility is scheduled to be open by September 2013.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	4,150,000	-	-	4,150,000
Funding Source:				
Area Rate	2,190,000	-	-	2,190,000
	-	-	-	-
Total Funding:	2,190,000	-	-	2,190,000
Net budget:	1,960,000	-	-	1,960,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	140,000	-	-	140,000
Annual Operating Costs:	413,100	-	-	413,100
Net Annual Operating Costs:	273,100	-	-	273,100

One-Time Operating Costs

Implementation Costs:	80,000	-	-	-
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Impact to Operating Budget

	353,100	-	-	273,100
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Supplemental Report

Project Name:	Cole Harbour High School Enhancements
Project Number:	CB000005
Project Manager:	Denise Schofield
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	

Project Description:

Based on the Cole Harbour Needs Assessment, the development of community gymnasium space is recommended. An enhancement of the redevelopment of the Cole Harbour High School is seen to be the most cost effective and appropriate mechanism to construct additional space of this type at this time. It is proposed that a gymnasium enhancement of 2,100 sf be approved in order to construct a 10,500 sf gymnasium (8,400 sf of which is to be constructed by the Province for the school). This will provide a full-sized gymnasium (suitable for curtained separation) for both school and community use. The proposed enhancement of the gymnasium would create the equivalent of another full gymnasium providing guaranteed access for primetime usage by the community including minor sport groups, recreational family access and some adult recreation usage.

Council approved the entering of a partnership with the province, to facilitate the high school enhancement, on Jan 15, 2013.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	630,000	-	630,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	630,000	-	630,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	16,000	-	16,000
Net Annual Operating Costs:	-	16,000	-	16,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	16,000	-	16,000

Supplemental Report

Project Name:	Consulting - Buildings (Category 0)
Project Number:	CBX01268
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories and consulting is asset category # 0. This project has been created to fund: energy performance, life cycle costing, LEED, needs assessment, operational planning, communications, graphic materials, presentations, condition analysis and recommendation, design, contract documents, and tendering. Priority projects in 2013/14 include, but are not limited to: 1) functional analysis of Core Fire Stations; 2) program of requirements - Fire Services Training Facility; 3) functional/structural analysis of the St. Mary's Boat Club; 4) preliminary design work for St. Andrews Centre recapitalization; and 5) condition assessment of Citadel High community space.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	300,000	300,000	325,000	925,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	300,000	300,000	325,000	925,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Eastern Passage High School Enhancements
Project Number:	CB000007
Project Manager:	Denise Schofield
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	

Project Description:

Based on the Eastern Passage Needs Assessment, the development of community gymnasium space is recommended. An enhancement of the Eastern Passage High School is seen to be the most cost effective and appropriate mechanism to construct additional space of this type at this time. It is proposed that a gymnasium enhancement of 2,100 sf be approved in order to construct a 10,500 sf gymnasium (8,400 sf of which is to be constructed by the Province for the school). This will provide a full-sized gymnasium (suitable for curtained separation) for both school and community use. The proposed enhancement of the gymnasium would create the equivalent of another full gymnasium providing guaranteed access for primetime usage by the community including minor sport groups, recreational family access and some adult recreation usage. Council approved the entering of a partnership with the province, to facilitate the high school enhancement, on Jan 15, 2013.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	630,000	-	630,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	630,000	-	630,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	16,000	-	16,000
Net Annual Operating Costs:	-	16,000	-	16,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	16,000	-	16,000

Supplemental Report

Project Name:	Electrical (Category 7)
Project Number:	CBX01275
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories and 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 (data). Priority projects in 2013/14 include, but are not limited to: 1) Sackville Landing distribution panel and lighting standards; 2) Grand Parade lighting upgrades and electrical panel; and 3) electrical work in support of mechanical upgrades at various locations.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	50,000	500,000	500,000	1,050,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	50,000	500,000	500,000	1,050,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Energy Efficiency Projects
Project Number:	CBX01161
Project Manager:	Richard MacLellan
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

These funds will be used to leverage cost shared funding for building focused energy efficiency projects from an ever increasing number of funding partners such as Ecotrust, FCM, NRCanada, and NSPI Demand Side Management. Project selection will be based upon suitability of project and success of funding applications. Some examples of energy efficiency projects would be the installation of solar panels or conversion of a heating system to natural gas. These projects typically save on heating costs and reduce greenhouse gas emissions.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	500,000	500,000	500,000	1,500,000
Funding Source:				
Reserve Q131 - Energy and Underground Services	500,000	500,000	500,000	1,500,000
	-	-	-	-
Total Funding:	500,000	500,000	500,000	1,500,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Environmental Remediation/Building Demolition
Project Number:	CBX01162
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

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 property for sale. Demolition of buildings frequently increases the net value of a property by removing the uncertainty of the cost of that work from the potential buyer. Priorities for demolition are determined through the surplus building demolition process. The project requests originate in TPW and are typically driven by the discovery of mold, asbestos or an oil spill on HRM owned property. Environmental remediation is performed if there is a requirement to remove hazardous materials from those sites. Revenues from the sale of properties fund the Sale of Capital Assets Reserve (Q101), which in turn fund the land improvements.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	200,000	200,000	600,000
Funding Source:				
Reserve Q101 - Sale of Capital Assets	200,000	200,000	200,000	600,000
	-	-	-	-
Total Funding:	200,000	200,000	200,000	600,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Facility Assessment Program
Project Number:	CB990002
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	50

Project Description:

The facility assessment program is aimed at assessing the condition of HRM owned facilities to determine the recapitalization needs for each facility. The results of the assessment are needed for the Enterprise Asset Management Program. The information gathered by this project and the establishment of sound asset management practices will enable HRM to make strategic decisions on how to direct funds in order to achieve the greatest value per dollar spent. In 2013 the program for the condition assessments will be completed.

Priority projects in 2013/14 include, but are not limited to: 1) fund the maintenance and updating of the data collected in previous years; 2) complete the program to have electronic (CAD) files of all the buildings; and 3) commence the recapitalization plan for assets in parks.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	250,000	250,000	55,000	555,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	250,000	250,000	55,000	555,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Facility Maintenance - Community Managed Facilities
Project Number:	CBX01343
Project Manager:	Diane Moulton
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

Facility Maintenance budget funds work that is less than \$50,000. This project is to address deficiencies with community managed facilities that are owned by HRM. The work performed in this account is typically for preventative maintenance and minor repairs and does not meet the criteria for tangible capital assets. Examples of work performed under this account include, but are not limited to, boiler repair/replacement, window replacements, minor roof repair, exterior repair and HVAC repair. The scope of work in 2013/14 is determined by Facilities Maintenance on an as-needed basis.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	310,000	750,000	750,000	1,810,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	310,000	750,000	750,000	1,810,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Facility Maintenance - HRM Managed Facilities
Project Number:	CB990001
Project Manager:	Diane Moulton
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

Facility Maintenance budget funds projects less than \$50,000. This account addresses deficiencies in HRM owned facilities which are maintained by TPW staff in HRM. The work performed in this account is typically for preventative maintenance and minor repairs and does not meet the criteria for tangible capital assets. Examples of work performed under this account include, but are not limited to, boiler repair/replacement, window replacements, minor roof repair, exterior repair and HVAC repair. The scope of work in 2013/14 is determined by Facilities Maintenance on an as-needed basis.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	500,000	2,000,000	2,000,000	4,500,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	500,000	2,000,000	2,000,000	4,500,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Fire Station Land Acquisition
Project Number:	CBX01102
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	Growth
Asset Life (Years):	N/A

Project Description:

This account is used for land acquisition for future fire station sites. There is no budget request for 2013/14 because there will be a risk assessment of the current fire station locations by the Insurance Advisory Organization, which will determine the optimal location of new stations.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	1,000,000	900,000	1,900,000
Funding Source:				
Reserve Q101 - Sale of Capital Assets	-	1,000,000	900,000	1,900,000
	-	-	-	-
Total Funding:	-	1,000,000	900,000	1,900,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Former CA Becket School Soil Remediation
Project Number:	CBU01004
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

The former CA Beckett School property at 23 Fenerty Road, Halifax, and surrounding properties, have been adversely affected by fuel oil which leaked from an underground tank while the property was used as a school. Some remediation work was undertaken following the discovery of the leak in 1993; however, the contamination spread to adjacent properties. A cost sharing arrangement with the Halifax Regional School Board (HRSB) was approved by HRM Council on April 3, 2007, for the remediation of the properties. HRM now owns the former school site and HRM staff are managing this remediation project. The School Board is responsible for 90% of the cost and HRM is responsible for the remaining 10%.

The remaining work on this project is to remove contamination from one residential property. This remediation is required to meet specific Provincial Guidelines.

The project will consist of removal of existing contaminated soil to an approved facility, backfilling with clean material, removal and restoration of the property lawn, deck, septic services and driveway.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	50,000	-	-	50,000
Funding Source:				
Reserve Q101 - Sale of Capital Assets	50,000	-	-	50,000
	-	-	-	-
Total Funding:	50,000	-	-	50,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	George Dixon Community Centre - Renovation
Project Number:	CB000020
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

The George Dixon Community Centre was built in 1969 as a purpose built recreation and community centre. It is well used by community residents. The facility is showing signs of age and requires upgrades to become fully accessible. The Peninsula Recreations Facility and Service Review outlined recommendations for infrastructure retrofit plans and creation of barrier free access.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	40,000	40,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	-	40,000	40,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Halifax City Hall Stone Restoration
Project Number:	CBX01046
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	100

Project Description:

Halifax City Hall was designated a National Historic Site in 1987 by the Historic Sites and Monuments Board of Canada. Deterioration of the stone work at City Hall has reached a point where the building is being compromised and public safety around the building is becoming a liability. This is a multi-year project that will fully restore the exterior masonry and roof.

2013/14 represents Phase 4 of this project. This phase will focus on components on the north side of the building. Works includes restoration of the stone facade, repointing of the granite foundation, replacement of gutter and downspouts, roof and woodwork repair and restoration of some ironstone.

If any funds remain in the account once the external work has been awarded, the funds will be directed to interior state of good repair projects at City Hall.

As per the approved business case "Project Manager - City Hall", the project managers salary is recovered from this capital account.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,500,000	-	-	1,500,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,500,000	-	-	1,500,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Halifax North Recreation Facility
Project Number:	CB000009
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	

Project Description:

The Needham Centre was constructed in 1975 and for some time has not responded to the needs of the community. The current building is costly to maintain, is not accessible, would be very expensive to renovate and does not meet the Community Facility Master Plan (CFMP) standard for a community pool. The Peninsula Recreation and Service review supported the need for a community centre in this location and recommended the replacement of this aging and ineffective facility.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	500,000	500,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	-	500,000	500,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	HRM Depot Upgrades
Project Number:	CBX01170
Project Manager:	Beate Shannon
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

HRM owns nine depots which are shared between Municipal Operations and Traffic and Right-of-Way Services. This project addresses deficiencies at these buildings to improve safety and efficiency. In 2013/14, the funding is for the Fairview Cemetery building, based upon condition assessment.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	800,000	450,000	5,950,000	7,200,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	800,000	450,000	5,950,000	7,200,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	HRP Lock-up Upgrades
Project Number:	CBX01364
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

The existing lock-up, built in 1973, is no longer compliant with current safety regulations, creating safety risks for staff and arrested persons. A consultants study in 2010 recommended that the lock-up area be renewed to modern standards. The configuration, materials used, and layout will need to be upgraded to bring the lock-up to current code standards. Renewal of existing lock up facilities will be achieved by renovation of existing and/or creation of new lock-up.

The upgrades will ensure compliance with the "Department of Justice-Construction and Equipment Standard and Guidelines for Prisoner Lock up Facilities" and the provincial standard "Courthouse Holding Cells for Persons in Custody".

In 2013/14, a feasibility study will be undertaken to determine the scope of the project. The remaining funds will be used to begin implementation of the project.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,000,000	2,000,000	-	3,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,000,000	2,000,000	-	3,000,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Library Facilities Upgrades
Project Number:	CBX01165
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

At twenty-four years old, the Cole Harbor Public Library in Cole Harbour Place, is not only dated but becoming increasingly dysfunctional to accommodate changing library service needs. The Circulation desk is large and inefficient for new technologies and will be re-designed and re-located to improve customer service. A redesign of the Branch layout will allow for the creation of small study rooms and improve public access to computers. New flooring, lighting and painting will also be part of the refurbishment plan. The other funding represents budgets remaining in account CBX01342 - Acadia School Library. The Acadia School Library project is complete and the remaining budget will be transferred to the Library Facilities Upgrades account and used for the purposes described above.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	165,000	-	-	165,000
Funding Source:				
Other	165,000	-	-	165,000
	-	-	-	-
Total Funding:	165,000	-	-	165,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Mechanical (Category 6)
Project Number:	CBX01269
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories and mechanical is asset category # 6. This project has been created to fund: energy performance, life cycle costing, LEED, condition analysis and recommendation, contract documents, tendering, HVAC, plumbing, sprinklers, boilers, controls, dehumidifiers, refrigeration. Priority projects in 2013/14 include, but are not limited to: 1) implementation of an automated materials handling system (AMH) in the public libraries which includes changes to the walls, mechanical and electrical systems; 2) upgrade the elevator system in City Hall; 3) Eric Spicer boiler replacement; and 4) septic and well replacements.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	2,975,000	1,750,000	1,250,000	5,975,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	2,975,000	1,750,000	1,250,000	5,975,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Metropark Upgrades
Project Number:	CBX01140
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

Construction of the Metropark was completed in June 2002. The facility is owned by HRM and is operated by the Hardman Group Limited under a Management Agreement. Priority projects in 2013/14 include, but are not limited to, ongoing resealing and general life-cycle maintenance. Revenues from the parkade fund the Metropark Parkade Reserve (Q125), which in turn fund the capital improvements. This is an ongoing account that addresses lifecycle deficiencies.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	90,000	75,000	85,000	250,000
Funding Source:				
Reserve Q125 - Metro Parkade	90,000	75,000	85,000	250,000
	-	-	-	-
Total Funding:	90,000	75,000	85,000	250,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Multi District Facilities-Upgrades (Bundle)
Project Number:	CB000002
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

This project is a multi-year program of recapitalization of HRM's major sports facilities. Priority projects in 2013/14 include, but are not limited to: 1) the Canada Games Centre (air conditioning of the field house); 2) Centennial Arena (ice plant control system); 3) Centennial Pool (renovations); 4) Cole Harbour Place (dasher boards, paving); 5) Dartmouth Sportsplex (circulation pumps, paving); 6) Eastern Shore Community Centre (fire panel, emergency lighting); 7) Halifax Forum (waterproofing); 8) Sackville Sports Stadium (flooring and lighting); 9) Spryfield Lions Arena (refrigeration plant); and 10) St. Margaret's Centre (generator).

The other funding source represents the remaining funds from original build account of the Canada Games Centre (CB100091). The centre is complete so the project will be closed and the funds transferred to this account to pay for upgrades related to the Canada Games Centre.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	3,425,000	3,250,000	3,200,000	9,875,000
Funding Source:				
Other	175,000	-	-	175,000
	-	-	-	-
Total Funding:	175,000	-	-	175,000
Net budget:	3,250,000	3,250,000	3,200,000	9,700,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Regional Park Washrooms
Project Number:	CB000010
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	

Project Description:

Regional Park Washrooms is a program to construct washroom facilities in HRM parks. The current program is to construct washrooms adjacent to HRM supervised beaches that are currently not served or the existing facilities has fallen to a low "state of good repair". Priority projects in 2013/14 include, but are not limited to: 1) Albrow Lake (replacement); 2) Chocolate Lake (new); and 3) Kearney Lake (new). The work at each site will include a washroom building, lighting, security improvements and landscaping. The increase to the operating budget is for cleaning and preventative maintenance.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,550,000			1,550,000
Funding Source:				
Area Rate			-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,550,000	-	-	1,550,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	6,000	-	-	6,000
Net Annual Operating Costs:	6,000	-	-	6,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	6,000	-	-	6,000
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Supplemental Report

Project Name:	Roof (Category 3)
Project Number:	CBX01272
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	25

Project Description:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories and roofs are asset category # 3. This project has been created to fund roof condition analysis and recommendation, contract documents, tendering, demolition, new roofing systems, flashings, membranes, waterproofing, curbs, gutters, and rainwater leaders.

Priority projects in 2013/14 include, but are not limited to: 1) phase 2 of the Eric Spicer Building; 2) various fire stations; 3) City Hall flat roof; and 4) consulting for Metro Transit building roof replacement on Ilsley Ave.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	775,000	1,000,000	4,250,000	6,025,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	775,000	1,000,000	4,250,000	6,025,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Site Work (Category 1)
Project Number:	CBX01271
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories and site work is asset category # 1. This project has been created to fund: survey, geotechnical, environmental, contract documents, tendering, excavation, concrete, grading, structural fills, asphalt paving, underground services (electrical, sanitary, storm), and landscaping.

Priority projects in 2013/14 include, but are not limited to: 1) repaving the HRP parking lot; 2) Mainland Common for overflow parking and landscape improvements; and 3) seawall repairs at St. Mary's boat club.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	540,000	750,000	1,050,000	2,340,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	540,000	750,000	1,050,000	2,340,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Skating Oval
Project Number:	CBX01344
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	Service Improvements
Asset Life (Years):	30

Project Description:

The transformation of a temporary 400m skating oval, that was used for the 2011 Canada Winter Games, into a permanent facility. In 2012, funding was allocated to erect permanent structures to house equipment and amenities. At this point, the nature of the permanent facility(s) have not been finalized. An online survey will help staff determine the future look and feel of the permanent oval facility(s), including the character of the building(s) and adjacent public spaces to be implemented in Phase 2. The public feedback will be considered in future detailed design and programming of the facility. The public has expressed the desire for permanent facilities to replace the temporary trailers. Access to food services is also desired by the public.

Funding in 2013/14 will supplement the funding in 2012 for the construction of the support building for the North Common.

The increase to the operating budget is for spring to fall programming.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	500,000	-	-	500,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	500,000	-	-	500,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	95,000	-	-	95,000
Net Annual Operating Costs:	95,000	-	-	95,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	95,000	-	-	95,000
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Supplemental Report

Project Name:	St. Andrew's Community Centre Renovation
Project Number:	CB000011
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

St. Andrew's Community Centre is located in west end Halifax and was originally constructed as a school. HRM renovated the building for recreation needs in 1983. The building, though clean and as welcoming as possible, is an old school with limited windows, poor lighting, old heating and mechanical infrastructure, and no outdoor play / community space. The driveway to the facility is also in need of repair. The full Peninsula Report recommends that this facility be retrofitted to enhance the quality of experience and operations of the facility. The retrofit will allow for 20-25 years of additional benefit for the local and regional community at that site. This proposed retrofit is thought to be a significant value for significant benefit to the community, and is a solid example of the value of upgrading a facility versus replacement. This project supports the proposed Centre Plan.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	250,000	250,000	3,800,000	4,300,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	250,000	250,000	-	4,300,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs				
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Supplemental Report

Project Name:	Strategic Community Facility Planning
Project Number:	CBX01056
Project Manager:	Denise Schofield
Budget Category:	Buildings
Type:	Growth
Asset Life (Years):	1

Project Description:

These funds are identified as a strategic allocation to support project(s) in upcoming years. All projects will be in compliance with the approved Indoor and Outdoor Recreation Facility Master Plans. Based on the anticipated growth of HRM and the current service levels provided to many HRM districts, it is expected that HRM funding to future district and multi-district facilities will be contributed. Priority projects in 2013/14 include, but are not limited to, a needs assessment of the Eastern Passage Commons and other community facility planning not yet identified.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	350,000	500,000	500,000	1,350,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	350,000	500,000	500,000	1,350,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Structural (Category 4)
Project Number:	CBX01270
Project Manager:	Terry Gallagher
Budget Category:	Buildings
Type:	State of Good Repair
Asset Life (Years):	30

Project Description:

In accordance with the HRM Tangible Capital Assets Policy, buildings are subdivided into seven asset categories and structural is asset category # 4. This project has been created to fund: condition analysis and recommendation, contract documents, tendering, structural steel, structural concrete, structural masonry, foundations, concrete slabs, and structural wood systems.

Priority projects in 2013/14 include, but are not limited to: 1) structural upgrades to University Ave fire station; 2) MacIntosh depot salt shed; and 3) Chebucto Landing structural Analysis.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	530,000	500,000	500,000	1,530,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	530,000	500,000	500,000	1,530,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Business Tools					
B1	Application Recapitalization	CI000002	775,000	500,000	500,000	1,775,000
B2	Automated Vehicle Location (AVL)	CID01292		1,000,000		1,000,000
B3	Business Intelligence (BI) Program	CI990001	590,000	525,000	375,000	1,490,000
B4	Computer Aided Dispatch (CAD)	CIP00763	200,000			200,000
B5	Enterprise Asset Management	CID00631	1,370,000	1,350,000	500,000	3,220,000
B6	Enterprise Resource System	CIN00200	175,000			175,000
B7	ICT Business Tools (bundle)	CI990004	100,000			100,000
B8	ICT Infrastructure Recapitalization	CI000004	1,175,000	500,000	500,000	2,175,000
B9	Internet Program	CI000001	600,000	1,000,000	250,000	1,850,000
B10	Recreation Services Software	CI000005	250,000	300,000	500,000	1,050,000
B11	Service Desk System Replacement	CI990002	100,000			100,000
B12	Trunk Mobile Radios - TMR	CID01362	500,000		1,800,000	2,300,000
	Total		5,835,000	5,175,000	4,425,000	15,435,000

Supplemental Report

Project Name:	Application Recapitalization
Project Number:	CI000002
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

HRM's ICT department is aligning itself with best practices around how ICT services are delivered and systems and applications are managed. To address deficits in HRM's critical business applications, capital investment is required to perform necessary upgrades to both ensure reliability and availability but to also take advantage of newly available functionality. This directly supports the Administrative Priorities of "Financial Stewardship" and "Organizational Capacity".

The scope of work in 2013/14 includes system development lifecycle upgrade projects including but not limited to:

- GIS Migration
- Versadex Upgrade
- Netmail Archive Migration
- FDM Win6 Upgrade

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	775,000	500,000	500,000	1,775,000
Funding Source:				
Reserve Q321 - Information and Communication Tech	-	500,000	500,000	1,000,000
	-	-	-	-
Total Funding:	-	500,000	500,000	1,000,000
Net budget:	775,000	-	-	775,000
Ongoing Operating Costs				
Annual Revenues:	-	-	-	-
Annual Operating Costs:	100,000	-	-	100,000
Net Annual Operating Costs:	100,000	-	-	100,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	100,000	-	-	100,000

Supplemental Report

Project Name:	Automated Vehicle Location (AVL)
Project Number:	CID01292
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	Service Improvements
Asset Life (Years):	

Project Description:

This project includes the development of a series of strategic planning (road map) initiatives to rationalize use of Automatic Vehicle Location (AVL) technologies and build capabilities upon existing and potential new AVL solutions. The AVL Roadmap projects have been sequenced as follows:

- AVL Roadmap Phase 1 – Transit
- AVL Roadmap Phase 2 – Transportation and Public Works
- AVL Roadmap Phase 3 – Public Safety and Enterprise Rationalization

These AVL Roadmaps will lay the foundation to meet the varying automatic vehicle location requirements across multiple departments with the optimal number of AVL solutions in place. The enterprise AVL vision is to improve public services by extending current services and enabling new services, while reducing operational costs and capital expenditures, reducing systems integration complexities and facilitating a near real-time enterprise view of all HRM vehicles. The scope of work in 2014/15 includes the replacement of the existing Transit AVL system.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	1,000,000	-	1,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	1,000,000	-	1,000,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Business Intelligence (BI) Program
Project Number:	CI990001
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	Service Improvements
Asset Life (Years):	

Project Description:

A Business Intelligence road map (plan) was completed in November, 2012. The road map lays out a three and a half year strategy to establish an enterprise-wide program to deliver business intelligence to the organization. This transformational project will focus initially on 6 core business units (TPW, P&I, C&RS, Transit, HR and Finance) but will expand to cover other units (e.g., Fire and Police) over time. Internally, the program will serve the reporting and analytic needs of individuals who perform analytical functions and/or have operational, tactical, or strategic decision making responsibilities. Externally, the BI program will provide a platform to provide information regarding HRM's performance to citizens.

The scope of work in 2013/14 includes:

- a) establishment of the BI program and delivery methodology
- b) selection and implementation of a BI technology
- c) development and implementation of corporate data governance

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	590,000	525,000	375,000	1,490,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	590,000	525,000	375,000	1,490,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	341,200	390,000	-	731,200
Net Annual Operating Costs:	341,200	390,000	-	731,200
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	341,200	390,000	-	731,200

Supplemental Report

Project Name:	Computer Aided Dispatch (CAD)
Project Number:	CIP00763
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	Service Improvements
Asset Life (Years):	

Project Description:

In support of the Healthy Communities focus area, investment is necessary to support mission critical technologies leveraged by the Halifax Regional Police (HRP), Halifax Regional Fire and Emergency (HRFE), and EMO. In 2013/14, ICT will partner with HRP, HRFE, and EMO on the design and implementation of a Situational Awareness solution, that will provide more timely, accessible, and accurate information to emergency personnel during an emergency event.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	-	-	200,000
Funding Source:				
Reserve Q321 - Information and Communication Tech	200,000	-	-	200,000
	-	-	-	-
Total Funding:	200,000	-	-	200,000
Net budget:	-	-	-	-

Ongoing Operating Costs

Fiscal Year	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Enterprise Asset Management
Project Number:	CID00631
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	Service Improvements
Asset Life (Years):	

Project Description:

The EAM strategic road map (plan) was completed in April 2012. It defines the vision for an enterprise-wide management program to improve HRM's capabilities in the core municipal function of public asset management. Seven projects are projected to be completed over 5 years.

The scope for 13/14 includes:

- a) purchase of corporate asset management solution
- b) implementation of right-of-way module
- c) development of corporate asset data registry
- d) implementation of Asset Works fleet solution

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,370,000	1,350,000	500,000	3,220,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,370,000	1,350,000	500,000	3,220,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	61,000	-	-	61,000
Net Annual Operating Costs:	61,000	-	-	61,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	61,000	-	-	61,000

Supplemental Report

Project Name:	Enterprise Resource System
Project Number:	CIN00200
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	Service Improvements
Asset Life (Years):	

Project Description:

This project will provide the investment necessary to update and upgrade the SAP system which supports the Financial and HR functions of the organization, as well as position SAP so it can be used strategically to support more business functions and services. The organization has made a significant investment in SAP but has not realized the benefits associated with this powerful system. The next 3 years will examine whether SAP is a logical replacement for our existing revenue solution (Hansen), the Customer Relationship Management (CRM-call center) tool (Hansen), as well as the tool of choice to support Business Intelligence. The scope of work in 2013/14 includes:

- completion of SAP road map to define HRM's strategic plan to leverage SAP going forward
- transition of HRM's SAP support to the Province of Nova Scotia's SAP CCC
- completion of initial upgrade requirements to enable HRM alignment with the CCC's SAP municipal reference template

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	175,000	-	-	175,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	175,000	-	-	175,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	ICT Business Tools (bundle)
Project Number:	CI990004
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	Service Improvements
Asset Life (Years):	

Project Description:

The ICT Business Tools Bundle is a grouping of smaller initiatives that are targeted in support of gaining operational efficiencies within business units. This project also supports the gated stages of the portfolio process which enable prioritized decision making around ICT initiatives. This includes opportunity assessments, business cases, and project initiation plans.

The scope of work in 2013/14 includes but is not limited to:

- Delivery of Street Light Inventory Solution
- Sector Profiling
- Online Training Solution for HRFE
- Single Address Initiative

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000		-	100,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	100,000	-	-	100,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	122,000	-	-	122,000
Net Annual Operating Costs:	122,000	-	-	122,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	122,000	-	-	122,000

Supplemental Report

Project Name:	ICT Infrastructure Recapitalization
Project Number:	CI000004
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

This project will ensure timely renewal and replacement of base ICT infrastructure (servers, databases, networks) necessary to deliver all technology services to the organization. This project will ensure technology required to run the business of the municipality is secure and does not fail.

The scope of work in 2013/14 projects includes but is not limited to:

- new back up systems
- server upgrades and replacements
- end point security upgrade
- replacement of network infrastructure
- windows server conversions

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,175,000	500,000	500,000	2,175,000
Funding Source:				
Reserve Q321 - Information and Communication Tech	820,000	500,000	500,000	1,820,000
	-	-	-	-
Total Funding:	820,000	500,000	500,000	1,820,000
Net budget:	355,000	-	-	355,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	119,500	-	-	119,500
Net Annual Operating Costs:	119,500	-	-	119,500
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	119,500	-	-	119,500

Supplemental Report

Project Name:	Internet Program
Project Number:	CI000001
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

Halifax.ca is a primary communication channel for HRM Regional Council and Business Units. Improving the effectiveness of this channel is viewed as a critical step necessary to support more timely, effective, and interactive engagement of a broader proportion of HRM citizens.

This project will replace the current HRM website with a modern, current and interactive website which will better serve the citizens of HRM. It will involve the development of a new website, establish the governance around the maintenance of the site to ensure information is current, and determine the disposition of the information currently residing on the Halifax.ca site. Social media will be a key feature of the new site. Social media encompasses a suite of technologies that supports the relationship between citizens and HRM from the perspective of the citizen in an efficient, consistent, and relevant fashion.

The scope of work in 2013/14 includes:

- RFP for partnership firm to create and implement a new HRM website and brand
- launch of a new social media microsite focused on the Mayor's office and corporate communications
- creation of a long term strategic plan for the Halifax.ca domain and the services offered to internal business units and HRM citizens.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	600,000	1,000,000	250,000	1,850,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	600,000	1,000,000	250,000	1,850,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Recreation Services Software
Project Number:	CI000005
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	Service Improvements
Asset Life (Years):	

Project Description:

Community & Recreation Services (CRS) is conducting a review of Multi-District and Event Facilities owned by HRM and in need of funding for capital investment and operational subsidies. Three primary problems have been identified: 1) There is an absence of effective accountability within these facilities; 2) There is an absence of adequate reporting and intelligence to support (financial) decision making; and 3) There is a lack of program, mandate and funding alignment.

To address this, CRS wants to invest in expanding the use of one system for both recreation program registrations and facility bookings. This would provide a more consistent experience for the resident and consistent reporting to support strategic decision making.

The scope of work for 2013/14 includes:

- Evaluation and phased rollout of one system for recreation program registration and facilities bookings (# of programs and facilities TBD)
- Development of a Recreation Service strategic road map
- Development of a CRS program road map

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	250,000	300,000	500,000	1,050,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	250,000	300,000	500,000	1,050,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Service Desk System Replacement
Project Number:	CI990002
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

ICT is working to adopt the industry best practice processes necessary to enhance the operation, maintenance & support of HRM's ICT infrastructure and business applications. 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 existing suite of tools in this area is insufficient (from a capability & sophistication perspective) for the size, scale & complexity of HRM's ICT infrastructure & application investment. This project will eliminate legacy tools which currently have limited or non-existent support systems in place thus reducing risk to HRM.

The project outcome is to have one, authoritative, integrated suite of tools needed to manage, support & maintain HRM's ICT Infrastructure & Applications through their lifecycle.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000	-	-	100,000
Funding Source:				
Reserve Q321 - Information and Communication Tech	100,000	-	-	100,000
	-	-	-	-
Total Funding:	100,000	-	-	100,000
Net budget:	-	-	-	-
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Trunk Mobile Radios - TMR
Project Number:	CID01362
Project Manager:	Duncan Gillis
Budget Category:	Business Tools
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

The Provincial Trunk Mobile Radio System (TMR) serves federal, provincial and municipal radio users throughout the province. HRM users include Halifax Regional Police, Fire Services, Transportation and Public Works, and Halifax Water. The current radio communications technology is becoming outdated and requires replacement. Both short and long term solutions will be developed over the next 5 years.

The scope of work in 2013/14 includes:

- planning and initiation of an interim replacement system
- the creation of a TMR Roadmap

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	500,000	-	1,800,000	2,300,000
Funding Source:				
Reserve Q321 - Information and Communication Tech	500,000	-	-	500,000
	-	-	-	-
Total Funding:	500,000	-	-	500,000
Net budget:	-	-	1,800,000	1,800,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Community & Property Development					
C1	Civic Events Equipment	CD990002	50,000	50,000	50,000	150,000
C2	Community Event Venue Upgrades	CDG01137	300,000	300,000	150,000	750,000
C3	Cultural Structures and Places	CD990003	500,000	350,000	350,000	1,200,000
C4	Downtown Streetscapes	CDX01182	2,285,000	3,225,000	2,740,000	8,250,000
C5	Port Wallace Master Plan	CD990004	350,000			350,000
C6	Sandy Lake Wastewater Oversizing	CSX01346	55,000	670,000	95,000	820,000
C7	Shubenacadie Canal Greenway	CDG00493	300,000	3,000,000		3,300,000
C8	Streetscaping in center hubs/corridors	CDV00734	1,000,000			1,000,000
	Total		4,840,000	7,595,000	3,385,000	15,820,000

Supplemental Report

Project Name:	Civic Events Equipment
Project Number:	CD990002
Project Manager:	Denise Schofield
Budget Category:	Community & Property Development
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

Multi-year projects that support ongoing replacement of civic event equipment that has come to the end of its useful life. Priority projects in 2013/14 include, but are not limited to: 1) replacement of sound equipment; 2) new and replacement barricades; 3) cable mats; and 4) other required equipment replacements.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	50,000	50,000	50,000	150,000
Funding Source:				
Reserve Q315 - Marketing Levy Special Events	50,000	50,000	50,000	150,000
	-	-	-	-
Total Funding:	50,000	50,000	50,000	150,000
Net budget:	-	-	-	-
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	5,000	5,000	5,000	15,000
Net Annual Operating Costs:	5,000	5,000	5,000	15,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	5,000	5,000	5,000	15,000

Supplemental Report

Project Name:	Community Event Venue Upgrades
Project Number:	CDG01137
Project Manager:	Terry Gallagher
Budget Category:	Community & Property Development
Type:	Service Improvements
Asset Life (Years):	

Project Description:

This is a multi-year project that addresses the improvements to HRM event spaces. The priority project for this account in 2013/14 is, but not limited to, lighting upgrades to the Grand Parade Square.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	300,000	300,000	150,000	750,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	300,000	300,000	150,000	750,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Cultural Structures and Places
Project Number:	CD990003
Project Manager:	Denise Schofield
Budget Category:	Community & Property Development
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

Multi-year project that focuses on the development and maintenance of cultural inventory such as monuments, markers, commemorative signage, artefacts, public art, banners, as outlined in the Cultural Plan and Public Art Policy. Priority projects in 2013/14 include, but are not limited to: 1) public art pieces in the Canada Games Centre; 2) public art pieces at the Dartmouth Bridge Terminal; 3) restoration of the Sullivan's Pond Cenotaph; 4) initiation of work on the overall inventory of cultural artefacts; and 5) other smaller installations and refurbishments. This project is funded from the Cultural Development Reserve (Q312).

The increase to the operating budget is for cleaning and maintenance of new monuments and art pieces.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	500,000	350,000	350,000	1,200,000
Funding Source:				
Reserve Q312 - Culture Development	500,000	350,000	350,000	1,200,000
	-	-	-	-
Total Funding:	500,000	350,000	350,000	1,200,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	5,000	5,000	5,000	15,000
Net Annual Operating Costs:	5,000	5,000	5,000	15,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	5,000	5,000	5,000	15,000

Supplemental Report

Project Name:	Downtown Streetscapes
Project Number:	CDX01182
Project Manager:	Rudy Vodicka
Budget Category:	Community & Property Development
Type:	Service Improvements
Asset Life (Years):	25

Project Description:

Funds are for priority streetscapes and public spaces for the downtown core (Halifax & Dartmouth). In 2013/14, the construction activities include a complete renewal of Spring Garden Road and Queen Street intersection and the construction of the Library Plazas. This project is funded from multiple accounts with funding levels that will be identified in the Regional Council award report. The total project scope of work includes undergrounding of overhead electrical and telecommunication wires, underground service connections, tree vaults, curbs, sidewalks, asphalt paving, light standards, traffic signals, street furnishings, bus stops, and other elements.

Streetscapping on Spring Garden Road from Queen Street to South Park Street will be identified in future years.

The construction activities for Quinpool Road in 2013 will include the construction of tree vaults and installation of seasonal planters.

This project also pays for salaries of 2 Landscape Architects that split their time between this project and CDV00734 - Streetscaping in center hubs/corridors. The salaries are paid out of cost centre W943 and recovered through the previously mentioned capital accounts.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	2,285,000	3,225,000	2,740,000	8,250,000
Funding Source:				
Reserve Q101 - Sale of Capital Assets	2,285,000	3,225,000	2,740,000	8,250,000
	-	-	-	-
Total Funding:	2,285,000	3,225,000	2,740,000	8,250,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Port Wallace Master Plan
Project Number:	CD990004
Project Manager:	Austin French
Budget Category:	Community & Property Development
Type:	Growth
Asset Life (Years):	

Project Description:

Port Wallace is one of six major suburban growth centres within the urban settlement designation Identified in the Regional Plan. On November 16, 2010, Council directed staff to undertake a watershed study for the Port Wallace area and further that a Secondary Planning Process be undertaken following completion of the study. With the study nearing completion, the secondary planning process should be formally initiated in the 2013/2014 fiscal year. Funds will be used to undertake site and servicing analysis and, assuming the plan is implemented, these funds will eventually be recouped by HRM through the Capital Cost Contribution program.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	350,000	-	-	350,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	350,000	-	-	350,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Sandy Lake Wastewater Oversizing
Project Number:	CSX01346
Project Manager:	Austin French
Budget Category:	Community & Property Development
Type:	Growth
Asset Life (Years):	

Project Description:

May 10, 2012, the Community Planning & Economic Development Standing Committee approved a motion recommending to Regional Council that the Municipality agree in principle to participate in funding the oversizing of wastewater infrastructure through Bedford West to service the future development of Sandy Lake.

The budget represented below is HRM's anticipated contribution, net of cost sharing from Armco Capital Inc., the major property owner in the Sandy Lake area. The terms and conditions, negotiated between Armco and Halifax Water, are presented in an information report to council July 3, 2012 item 10.2.1 (ii). Halifax water are executing the work and they will own of the infrastructure.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	55,000	670,000	95,000	820,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	55,000	670,000	95,000	820,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Shubenacadie Canal Greenway
Project Number:	CDG00493
Project Manager:	Terry Gallagher
Budget Category:	Community & Property Development
Type:	Service Improvements
Asset Life (Years):	50

Project Description:

The Shubenacadie Canal Greenway follows the Historic Shubenacadie Canal, connecting the Harbour Trail to Lake MicMac and Shubie Park. This project is for development of a portion of the Greenway Park in Downtown Dartmouth that connects the Harbour Trail and Lake Banook as recommended in the Shubenacadie Canal Greenway Master Plan, and which includes the former Starr Manufacturing property. Work includes development of approximately 700 m of trail, as well as restoration of archaeological features such as the ship's cradle and inclined plane that were used to raise ships from Halifax Harbour to Sullivan's Pond. The site is very complex: significant archaeological issues exist; environmental issues arise from past industrial use; a watercourse crosses the site; and a trunk sanitary sewer crosses the site. Construction will occur in 2014/2015 in conjunction with realignment of the intersection at Alderney Drive/Prince Albert Road/Portland Street. The intersection re-alignment will be funded by Project No. CTU01086 Intersection Improvement Program, and Project No. CYX01345 Street Recapitalization. In addition, Halifax Water will carry out the appropriate upgrades to their infrastructure. The scope of work in 2013/2014 includes consulting, planning and design work.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	300,000	3,000,000	-	3,300,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	300,000	3,000,000	-	3,300,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	50,000	50,000
Net Annual Operating Costs:	-	-	50,000	50,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	50,000	50,000

Supplemental Report

Project Name:	Streetscaping in center hubs/corridors
Project Number:	CDV00734
Project Manager:	Rudy Vodicka
Budget Category:	Community & Property Development
Type:	Service Improvements
Asset Life (Years):	25

Project Description:

The project includes the planning, design and implementation of streetscape improvements to Herring Cove Road and Sackville Drive. The project includes improvements such as lighting, benches, signage, street trees, pocket parks, and minor functional improvements to traffic and transit. Improvements are based on street master plans approved by Regional Council.

Priority projects in 2013/14 include, but are not limited to: 1) the south entrance of the Captain William Spry Centre; 2) Little Sackville River Park; and 3) Sackville Drive.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,000,000	-	-	1,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,000,000	-	-	1,000,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Equipment & Fleet					
D1	Bomb Disposal Robot	CV020001	100,000			100,000
D2	Fire Apparatus Replacement	CVJ01088	2,000,000	3,500,000	4,500,000	10,000,000
D3	Fire Services Driver Testing System	CV010002	100,000			100,000
D4	Fire Services Driving Simulator	CV010001	400,000			400,000
D5	Fire Services Equipment Replacement	CE010001	350,000	350,000	350,000	1,050,000
D6	Fire Services Water Supply	CE010002	150,000	150,000	150,000	450,000
D7	Fire Station Defibrillator	CV020002	350,000			350,000
D8	Fleet Services - Shop Equipment	CEU01132	50,000	50,000	50,000	150,000
D9	Fleet Vehicle Replacement	CVD01087	1,200,000	1,830,000	1,780,000	4,810,000
D10	Ice Resurfacers Replacement	CVU01207	300,000	150,000	150,000	600,000
D11	Opticom Signalization System	CEJ01220	80,000	80,000	80,000	240,000
D12	Police Marked Cars	CVK01090	1,350,000	1,650,000	1,650,000	4,650,000
	Total		6,430,000	7,760,000	8,710,000	22,900,000

Supplemental Report

Project Name:	Bomb Disposal Robot
Project Number:	CV020001
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

As part of the emergency response delivered by the Police service, critical scene intervention is always a potential requirement. The service already has an existing robot that is capable of both the removal of explosive devices and the ability, to move into, a dangerous situation to give the Commander information of the situation. The current robot has been in service for several years and requires replacement. A new unit will deliver the reliability needed in these critical situations. The replacement of the current robot in 2013/14 will allow the Police Service the ability to update its functionality, which will enhance the safety of the officers and the public.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000	-	-	100,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	100,000	-	-	100,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	3,000	-	-	3,000
Net Annual Operating Costs:	3,000	-	-	3,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	3,000	-	-	3,000
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Supplemental Report

Project Name:	Fire Apparatus Replacement
Project Number:	CVJ01088
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

The replacement of the Fire Services Apparatus Fleet is necessary for the support of the operations. The Fire fleet is comprised of aerials, pumpers, tankers, rescues, de-con units, light vehicles etc. for a total of 310 units. These units are used to support all areas of the Fire Service for both rural and urban operations. Regular replacement of these units is necessary to support continued operations. Units that are being replaced are first stripped of any salvageable equipment that HRM may be able to reuse and then, depending on condition, will be sold at auction and the revenue assigned to the appropriate reserve(s). Planned purchases in 2013/14 include four (4) Rescue Pumpers, one (1) 100 foot Quint Plus ladder truck and associated equipment for each vehicle such as fire hoses, nozzles and rescue equipment.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	2,000,000	3,500,000	4,500,000	10,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	2,000,000	3,500,000	4,500,000	10,000,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Fire Services Driver Testing System
Project Number:	CV010002
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	Service Improvements
Asset Life (Years):	15

Project Description:

HRM Fire Services Training officers provide training and testing for the 600 career and volunteer firefighters. The trainers have the responsibility to carry out initial training and also periodic refresher training and testing/certification. The purchase of 2 mobile driver testing systems will allow testing to be done in a consistent and unbiased manner, minimizing subjective information or opinions. These units mount in any fire truck in about 10 minutes. They use cameras, GPS, and an accelerometer to record data on a tablet or laptop. After the road test or evaluation, the driver and trainer can quickly and easily see the test replayed and can see and pinpoint any infractions or errors that are usually missed during the typical driving test. The test can also be kept on file for review in the future. The use of this testing system will enhance our driver skill level and ultimately make our response safer for the crew and traveling public.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000	-	-	100,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	100,000	-	-	100,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Fire Services Driving Simulator
Project Number:	CV010001
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	Service Improvements
Asset Life (Years):	15

Project Description:

The purchase of a mobile simulator will allow training to go to any of the fire stations in the core or rural areas and reduce the expense of time and travel of sending firefighters to refresher courses. Operating large fire trucks is difficult and dangerous. Historically, crashes have been the second leading cause of "on duty" fire fighter deaths; in addition, crashes can affect other citizens, private property, and other vehicles. Crashes, and even minor accidents, also delay the vehicle's response to the original emergency. All firefighters have the appropriate class licence and training but the cost of this training is very high due to the number of people and equipment involved. There is also a cost associated with removing a vehicle from service and the exposure of risk during the initial training itself. The purchase of a driving simulator will allow for more extensive training of staff before going on the street. It will enact simulations of situations common to emergency response and will give firefighters a safe environment to hone their skills. The simulator will be purchased using \$400K of unspent funds from project account no. CVU01361 - Harbour Fire Boat, which will not proceed until a Fire Services review is completed.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	400,000	-	-	400,000
Funding Source:				
Other	400,000	-	-	400,000
	-	-	-	-
Total Funding:	400,000	-	-	400,000
Net budget:	-	-	-	-
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	25,600	-	-	25,600
Net Annual Operating Costs:	25,600	-	-	25,600
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	25,600	-	-	25,600

Supplemental Report

Project Name:	Fire Services Equipment Replacement
Project Number:	CE010001
Project Manager:	David Clement
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

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, it has been moved under the project budget.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	350,000	350,000	350,000	1,050,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	350,000	350,000	350,000	1,050,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Fire Services Water Supply
Project Number:	CE010002
Project Manager:	Chris Charron
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

Continuation of a long term program to address water supply issues. The issue of water supply for firefighting purposes in the areas of HRM that do not have hydrants, has been a topic of concern for the Halifax Regional Fire & Emergency Service (HRFES). The HRFES has a responsibility in areas lacking municipal hydrants to 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 the HRM to efficiently provide fire fighting water supplies to our suppression forces in rural areas. Each water supply costs between \$10,000 and \$80,000 to create and there are 6 new dry hydrants planned to be created in 2013/14. This will bring the total number of dry hydrants in the rural areas to 147. There are also some dry hydrants that require relocation due to the lack of water.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	150,000	150,000	150,000	450,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	150,000	150,000	150,000	450,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	24,000	24,000	24,000	72,000
Net Annual Operating Costs:	24,000	24,000	24,000	72,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	24,000	24,000	24,000	72,000
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Supplemental Report

Project Name:	Fire Station Defibrillator
Project Number:	CV020002
Project Manager:	Roy Hollet
Budget Category:	Equipment & Fleet
Type:	Service Improvements
Asset Life (Years):	7

Project Description:

It has been proven that the timely use of a defibrillator can save lives. Fire Services is proposing to equip each fire station with at least one portable defibrillator. The first responder will then have access to the unit and have it available for motor vehicle accidents, work place accidents or a fire scene. The project plan for 2013/14 is to purchase approximately 50 units.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	350,000	-	-	350,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	350,000	-	-	350,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Fleet Services - Shop Equipment
Project Number:	CEU01132
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

The corporate fleet shop services approximately 600 vehicles of various sizes, types etc. The shop requires up to date equipment to service the vehicles properly. The equipment varies from tire changers, hoists, welding machines, metal benders, overhead cranes, etc. This account is used to purchase and replace the necessary shop equipment required to work safely in the shop. Most of the equipment used in the shop has a working life of 5 to 10 years. A continual and timely replacement of this equipment is necessary to assure the safety of our staff. In 2013/14 the priority replacements are, but not limited to: 1) a replacement vehicle hoist; 2) a shop compressor; 3) a cold storage unit; and 4) an overhead crane.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	50,000	50,000	50,000	150,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	50,000	50,000	50,000	150,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Fleet Vehicle Replacement
Project Number:	CVD01087
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

Vehicles used by Transportation & Public Works, Finance, Community Recreation Services and Planning & Infrastructure are held in this portion of the Corporate Fleet Inventory. There are approximately 600 units in this area. There are approximately 30 different types of vehicles ranging from cars to large snow removal vehicles like 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 and the vehicles that are either the oldest or that are in most need of replacement are removed from service and new units are purchased.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,200,000	1,830,000	1,780,000	4,810,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,200,000	1,830,000	1,780,000	4,810,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Ice Resurfacers Replacement
Project Number:	CVU01207
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

HRM either operates directly or supports the operations of many of the ice surfaces in HRM. This account is for the replacement of one ice resurfacer per year. Corporate Fleet and Planning and Infrastructure staff meet annually to determine which unit will be replaced. This will assure that the operation with the greatest need will receive the required replacement unit. Corporate Fleet is currently researching the use of Electric powered ice resurfacers. The benefits include the removal of fuel storage and increased indoor air quality. HRM currently owns 10 ice resurfacers; this account allows for a 10 year life with one unit being replaced each year. In 2013/14, two ice resurfacers will be purchased as the Metro Centre will be purchasing one with funds from the Major Events Facility Reserve (Q319).

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	300,000	150,000	150,000	600,000
Funding Source:				
Reserve Q319 - Major Events Facility Reserve	150,000	-	-	150,000
	-	-	-	-
Total Funding:	150,000	-	-	150,000
Net budget:	150,000	150,000	150,000	450,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Opticom Signalization System
Project Number:	CEJ01220
Project Manager:	Paul Hopkins
Budget Category:	Equipment & Fleet
Type:	Service Improvements
Asset Life (Years):	10

Project Description:

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 and helps to ensure that they can proceed safely through. Infrared emitters on the vehicles send out signals to traffic light sensors that cause the lights to change so the vehicles can safely proceed. The completion of this initiative will help to ensure the safety of Fire Services personnel and ultimately helps the public in their expectations of service delivery. There are currently 280 intersections requiring the upgrade. The cost to upgrade each signal is \$2,500, allowing for 32 signal upgrades in 2013/14.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	80,000	80,000	80,000	240,000
Funding Source:				
Reserve Q206 - Fire Vehicles and Equipment	80,000	80,000	80,000	240,000
	-	-	-	-
Total Funding:	80,000	80,000	80,000	240,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Police Marked Cars
Project Number:	CVK01090
Project Manager:	Paul Beauchamp
Budget Category:	Equipment & Fleet
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

HRM Police Services uses the Fleet of 280 vehicles to provide services to the public. The current fleet is comprised of vehicles used for patrol, investigation, SWAT surveillance and a variety of other services. This project is for the annual replacement of those vehicles. The majority of the fleet are patrol vehicles which are heavily used and typically only last two to three years. Units that are being replaced are first stripped of any salvageable equipment that HRM may be able to reuse and then, depending on condition, will be sold at auction and the revenue assigned to the appropriate reserve(s).

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,350,000	1,650,000	1,650,000	4,650,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,350,000	1,650,000	1,650,000	4,650,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Industrial Parks					
E1	Bayers Lake Infill & Ragged Lk Dvlpmnt	CQ300743			7,000,000	7,000,000
E2	Burnside & City of Lakes Development	CQ300741	11,000,000	15,000,000	15,000,000	41,000,000
E3	Business Park Sign Renewal & Maintenance	CQ300745	25,000	25,000	25,000	75,000
E4	Development Consulting	CQ300746	50,000	50,000	50,000	150,000
E5	Industrial Land Acquisition	CQ000001	8,715,000		8,715,000	17,430,000
	Total		19,790,000	15,075,000	30,790,000	65,655,000

Supplemental Report

Project Name:	Bayers Lake Infill & Ragged Lk Dvlpmnt
Project Number:	CQ300743
Project Manager:	Michael Wile
Budget Category:	Industrial Parks
Type:	Growth
Asset Life (Years):	50

Project Description:

To facilitate economic development with the creation of new industrial/commercial lot inventory within the Ragged Lake Business Park. To allow the Municipality to continue its focus on providing industrial/commercial lot inventory, the Municipality has provided the opportunity for the private industry to purchase and develop the remaining expansion lands at Bayers Lake for retail/commercial, in keeping with the Regional Plan and the Business Parks Functional Plan. The municipally owned lands at the Ragged Lake Business Park provide opportunity for future expansion of the park. In the short term, sewer capacity issues will restrict further expansion at Ragged Lake until the servicing issue is resolved. There will likely be no major new lot inventory development possible until at least 2015/16. The area will require further study and re-zoning in order to provide this potential.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	7,000,000	7,000,000
Funding Source:				
Reserve Q121 - Business Parks	-	-	7,000,000	7,000,000
	-	-	-	-
Total Funding:	-	-	7,000,000	7,000,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Burnside & City of Lakes Development
Project Number:	CQ300741
Project Manager:	Michael Wile
Budget Category:	Industrial Parks
Type:	Growth
Asset Life (Years):	50

Project Description:

To support economic development objectives through the creation of new industrial/A4commercial land inventory within the Burnside Business Park, and premiere suburban office inventory within City of Lakes Business Park as per the Regional Plan. Development of Phase 12 Burnside will continue in 2013/14 to provide consistent delivery of and upgrades to infrastructure within the park, in terms of new lot inventory with 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 of lot inventory. 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 8 years of potential lot inventory left within Burnside and the final phase to be built would be in fiscal 2016/17.

The increase to the operating budget will be allocated to municipal operations and will cover snow clearing, street sweeping and maintenance of newly created streets within the business park.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	11,000,000	15,000,000	15,000,000	41,000,000
Funding Source:				
Reserve Q121 - Business Parks	11,000,000	15,000,000	15,000,000	41,000,000
	-	-	-	-
Total Funding:	11,000,000	15,000,000	15,000,000	41,000,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	35,000	35,000	35,000	105,000
Net Annual Operating Costs:	35,000	35,000	35,000	105,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	35,000	35,000	35,000	105,000

Supplemental Report

Project Name:	Business Park Sign Renewal & Maintenance
Project Number:	CQ300745
Project Manager:	Michael Wile
Budget Category:	Industrial Parks
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

The objective of the signage program in the HRM owned Business Parks is to renew and enhance the way finding and branding signage for the business parks. As the sign infrastructure in the various parks age, it is recommended that select renewals and improvements be planned and programmed to allow for better management of expenditures and to maintain the competitive, quality image of the business parks. Sign renewals to date, under this program, were completed in the City of Lakes, Bayers Lake and Aerotech Business Parks as well as some areas of Burnside. The program will continue to include renewal of the extensive number of signs in Burnside phased over a number of years, as well as the Ragged Lake Business Park where the new HRM Transit facility is located.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	25,000	25,000	25,000	75,000
Funding Source:				
Reserve Q121 - Business Parks	25,000	25,000	25,000	75,000
	-	-	-	-
Total Funding:	25,000	25,000	25,000	75,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Development Consulting
Project Number:	CQ300746
Project Manager:	Michael Wile
Budget Category:	Industrial Parks
Type:	Growth
Asset Life (Years):	10

Project Description:

The provision of development consulting is required to assess the potential expansion, servicing, development and miscellaneous consulting of specific parks as demand warrants. Outside contractors are occasionally required to support various projects, initiatives and functional planning of the business parks. One of the major studies, now in the initial stages, is the HRM Employment (Industrial) Lands Strategy to provide guidance for Municipal policies to ensure a sufficient supply of employment lands to meet the Municipality's economic objectives.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	50,000	50,000	50,000	150,000
Funding Source:				
Reserve Q121 - Business Parks	50,000	50,000	50,000	150,000
	-	-	-	-
Total Funding:	50,000	50,000	50,000	150,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Industrial Land Acquisition
Project Number:	CQ000001
Project Manager:	Michael Wile
Budget Category:	Industrial Parks
Type:	Growth
Asset Life (Years):	n/a

Project Description:

Currently, the sole source of new Municipal industrial lot inventory is from within the Burnside Industrial Park. Burnside presently has approximately 8 years of potential new industrial land supply remaining within its boundaries. Most major cities across Canada have an employment lands strategy and typically, a plan for securing a 20-30 year supply of municipally owned industrial lands. HRM is presently undertaking an Employment Lands Strategy and, subject to Regional Council approval of the Strategy, the acquisition of new industrial land inventory will need to be planned and funded. There are various scenarios and options to securing the required lands including purchase of private lands and the use of existing municipal lands. There are also various scenarios for the timing of acquisition of the recommended acreage. The following scenario presents a general acquisition of 200 acres every second year over the next 10 years. A more realistic projection will not be known until the advanced stages of the strategy and acquisition plan is completed and would be expected to be a mix of large and small acquisitions.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	8,715,000	-	8,715,000	17,430,000
Funding Source:				
Other	8,715,000	-	8,715,000	17,430,000
	-	-	-	-
Total Funding:	8,715,000	-	8,715,000	17,430,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Metro Transit					
F1	Access-A-Bus Expansion	CVD00429	250,000	250,000	250,000	750,000
F2	Access-A-Bus Replacement	CVD00430		400,000	1,000,000	1,400,000
F3	Biennial Ferry Refit	CVD00436	600,000	540,000	730,000	1,870,000
F4	Bus Accessibility Retrofit	CM020004	180,000			180,000
F5	Bus Stop Accessibility	CBT00432	125,000	125,000	125,000	375,000
F6	Bus Stop Signs	CM000002	15,000	10,000	10,000	35,000
F7	Commuter Rail Study	CM990001	250,000			250,000
F8	Conventional Bus Expansion	CVD00434	5,075,000	2,400,000	2,400,000	9,875,000
F9	Conventional Bus Replacement	CVD00435	3,545,000	3,150,000	1,800,000	8,495,000
F10	Emission Reduction - Public Transit Buses	CM020006	867,000	867,000	867,000	2,601,000
F11	Ferry Terminal Pontoon Rehabilitation	CBX01171	3,000,000	500,000	500,000	4,000,000
F12	Highfield Terminal Upgrade	CB000018	1,500,000			1,500,000
F13	Lacewood Terminal Replacement	CB000013	3,650,000	4,850,000		8,500,000
F14	Mid Life Bus Rebuild	CVD00431	500,000	300,000	300,000	1,100,000
F15	New Conventional Ferry	CMX01123	6,000,000			6,000,000
F16	New Transit Map	CM990002	150,000			150,000
F17	New Transit Technology	CM020005	8,780,000	11,630,000	15,190,000	35,600,000
F18	Ragged Lake Transit Centre Expansion	CB000001	3,735,000			3,735,000
F19	Replacement Transit Technology	CMU01203	410,000	210,000	210,000	830,000
F20	Service Vehicle Replacement	CVD00433	90,000	135,000	135,000	360,000
F21	Shelters Replacement/Expansion	CBT00437		105,000	105,000	210,000
F22	Transit Facilities Upgrades (Bundle)	CBX01164	450,000	450,000	450,000	1,350,000
F23	Transit Security	CMU00982	400,000	300,000	300,000	1,000,000
F24	Transit Software	CIU00875	200,000	140,000	140,000	480,000
F25	Transit Strategy	CMU01095	125,000			125,000
	Total		39,897,000	26,362,000	24,512,000	90,771,000

Supplemental Report

Project Name:	Access-A-Bus Expansion
Project Number:	CVD00429
Project Manager:	Pat Meagher
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	7

Project Description:

Metro Transit is the primary alternative transportation provider within the Halifax Regional Municipality. The need to expand the area of service within the community continues to grow each year. Through the expansion of service Metro Transit is able to encourage increased ridership thereby making transit services the transportation choice of citizens. In 2013/14, Metro Transit will receive a total of two (2) additional 26 ft Para transit buses. This expansion is in keeping with the recommendations in the Access-A-Bus Strategic Plan, and will allow Access-A-Bus to increase service levels by approximately 4,500 hours (10,000 passenger trips) per year. In addition to the acquisition of the two (2) expansion buses, three (3) new Access-A-Bus Operators are required to operate these new vehicles. The demand for Access-A-Bus service has been continually increasing over the last number of years. Currently Access-A-Bus has over 1900 registered users. This results in the provision of an average of 500 trips per day and can build a wait list of 25 to 50 individuals per day requiring this specialized service.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	250,000	250,000	250,000	750,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	250,000	250,000	250,000	750,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	29,000	31,800	43,600	104,400
Annual Operating Costs:	219,850	242,400	332,700	794,950
Net Annual Operating Costs:	190,850	210,600	289,100	690,550
One-Time Operating Costs				
Implementation Costs:	2,400	2,400	2,400	7,200
Impact to Operating Budget	193,250	213,000	291,500	697,750

Supplemental Report

Project Name:	Access-A-Bus Replacement
Project Number:	CVD00430
Project Manager:	Pat Meagher
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	7

Project Description:

To recapitalize the para-transit fleet. Replacement of 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.

There are no replacements are schedule for 2013/14, and four (4) access-a-bus vehicles are scheduled for replacement in 2014/15.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	400,000	1,000,000	1,400,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	400,000	1,000,000	1,400,000
Ongoing Operating Costs				
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Biennial Ferry Refit
Project Number:	CVD00436
Project Manager:	Glen Bannon
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	4

Project Description:

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 Metro Transit's three ferries is scheduled for this work each calendar year on a rotating basis.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	600,000	540,000	730,000	1,870,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	600,000	540,000	730,000	1,870,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Bus Accessibility Retrofit
Project Number:	CM020004
Project Manager:	Pat Meagher
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	18

Project Description:

In an effort to improve the overall accessibility of our conventional transit system, Metro Transit is taking the initiative to replace the outdated seatbelt restraint devices currently in use on approximately 60 buses in our fleet to the tender specified Passive Restraint securement system. With the average life expectancy of an ALF Flyer being 18-20 years, it is imperative based on the distant retirement dates to fit these vehicles up to standards with appropriate equipment. The original belt systems possess both safety and travel deficiencies affecting our mobility aid passengers. Metro Transit has had reports from staff unable to transport certain mobility aids because of the outdated seatbelt style restraint system due to insufficient tie down points. These older systems mean that operators spend more time safely securing mobility aids on the bus as well as making the passenger being secured the focal point of other passengers. The benefit of the Passive Restraint system is that it allows for passenger comfort, quick securement, the opportunity to transport all mobility aids fitting our current criteria and eliminates the need for human judgement of securement point locations thereby reducing operator/passenger conflict. The Passive Restraint system not only provides increased safety but also allows for less strain on the operator during securement as it does not require floor anchors which would be a contributing factor in the decrease in WCB claims.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	180,000	-	-	180,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	180,000	-	-	180,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Bus Stop Accessibility
Project Number:	CBT00432
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	25

Project Description:

Enhance and improve the accessibility of transit stops to provide safe entry to the conventional transit system. The improved accessibility to Metro Transit service will be achieved through modifications and improvements to supporting infrastructure.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	125,000	125,000	125,000	375,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	125,000	125,000	125,000	375,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Bus Stop Signs
Project Number:	CM000002
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	6

Project Description:

This project will allow for the upgrade of bus stop signs at Terminal to the new Standard set by the Bridge Terminal, installation of new on-street bus stop signs, and the regular replacement of on-street bus stop signs. Six years is the indicated asset life, however it should be noted that the actual life will vary depending on the location and environmental conditions the stop is exposed to. In many cases, the asset life can be longer. 2013/14 includes funding for the Terminal stop upgrades, which subsequent years allow for the purchase of approximately 200 bus stops.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	15,000	10,000	10,000	35,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	15,000	10,000	10,000	35,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Commuter Rail Study
Project Number:	CM990001
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Growth
Asset Life (Years):	N/A

Project Description:

In January 2012, staff were directed by Regional Council to engage a consultant to prepare a full feasibility analysis of Commuter Rail in the Halifax to Windsor Junction and Enfield corridor. This study is to be prepared in consultation with CN Rail and VIA Rail, and is intended to provide a detailed analysis of the potential of providing a commuter rail service on the existing rail corridor, including infrastructure requirements, operational needs, and costs. Commencement and completion of this study will be subject to agreement from CN to participate in the study process.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	250,000	-	-	250,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	250,000	-	-	250,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Conventional Bus Expansion
Project Number:	CVD00434
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	18

Project Description:

This project is for the purchase of new buses for the expansion and improvement of conventional transit service within the HRM urban transit boundary (including Urban Express services). Based on Council Focus Area, continued service enhancements to alleviate capacity constraints and improve service to meet standards within the conventional transit system.

New buses will allow an increase in frequency of service and/or service to new areas and help develop a more extensive and environmentally friendly public transportation system. With an increased utilization of public transportation by HRM residents, greenhouse gas emissions can be reduced to create a healthier and sustainable environment.

In 2013/14, nine 40-foot conventional buses would be purchased for expansion purposes. Plans include improvements to schedule adherence on key routes and implementation new feeder services for the expanded Woodside Ferry service.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	5,075,000	2,400,000	2,400,000	9,875,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	5,075,000	2,400,000	2,400,000	9,875,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	238,800	249,200	264,400	752,400
Annual Operating Costs:	1,825,450	1,904,800	2,021,100	5,751,350
Net Annual Operating Costs:	1,586,650	1,655,600	1,756,700	4,998,950
One-Time Operating Costs				
Implementation Costs:	10,800	12,000	12,000	34,800
Impact to Operating Budget	1,597,450	1,667,600	1,768,700	5,033,750

Supplemental Report

Project Name:	Conventional Bus Replacement
Project Number:	CVD00435
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	18

Project Description:

Recapitalization of the Metro 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.

Ten 40-foot buses would be purchased to replace older buses that are due for retirement. The replacement of these older buses has many benefits. Newer buses are more environmentally friendly, more reliable, provide accessible low-floor service and are less costly to maintain than older buses. The anticipated annual operational cost savings from purchasing the new buses will be approximately \$1.5M and does not include the further reduction in maintenance costs that HRM experiences while new buses are under warranty.

10 buses are scheduled to be replaced in 2013/14.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	3,545,000	3,150,000	1,800,000	8,495,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	3,545,000	3,150,000	1,800,000	8,495,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs				
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Supplemental Report

Project Name:	Emission Reduction - Public Transit Buses
Project Number:	CM020006
Project Manager:	Paul Beauchamp
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	20

Project Description:

Metro Transit Buses were built with a hydraulic fan drive system that uses a engine horsepower to run the system and subsequent energy. The new fan system has been proven to remove a portion of that load on the engine and fuel consumption. The retrofit system created replaces the hydraulic system with an electrically driven system. The new system reduces the draw on the engine, reduces fuel consumption and vehicle noise. The system requires less repairs and saves approximately 10% in fuel consumption. We have completed a test on 20 units that have been retro fitted. They have performed well and delivered on the proposed fuel savings. The cost of the retrofit is \$26,000 per bus, this account will be for the completion of the remaining 100 buses

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	867,000	867,000	867,000	2,601,000
Funding Source:				
Reserve Q103 - Capital Surplus	867,000	867,000	867,000	2,601,000
	-	-	-	-
Total Funding:	867,000	867,000	867,000	2,601,000
Net budget:	-	-	-	-
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Ferry Terminal Pontoon Rehabilitation
Project Number:	CBX01171
Project Manager:	Glen Bannon
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

The pontoons and adjoining ramps at Metro 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 economic 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. Corrective maintenance activities at the Alderney and Halifax terminals should be completed by spring of 2013 and 2014 respectively. While essential corrective maintenance activities have been implemented at the Woodside terminal, recent surveys suggest the pontoon may have to be replaced in the near term as the degradation to the hull plating is significant and a repair effort may not be economical; a significant infusion of funding for this effort will be required. A planned maintenance programme will follow the corrective maintenance effort; therefore, there will be an ongoing requirement for funding with this project.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	3,000,000	500,000	500,000	4,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	3,000,000	500,000	500,000	4,000,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Highfield Terminal Upgrade
Project Number:	CB000018
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	30

Project Description:

In an effort to continue to bring improved service to the citizens of the Halifax Regional Municipality (HRM), Metro Transit has developed a five year plan which includes a number of new and upgraded terminals located throughout the region. The existing Highfield Terminal in Dartmouth is in need of upgrades. The upgraded terminal will be in the same location as the existing terminal but will include improved exterior passenger waiting areas, a new more modern appearance, and a building to serve as an Employee lobby and washroom. These upgrades will be an asset to Metro Transit, and will allow more flexibility with routing and scheduling of transit services, while improving the experience for users and staff.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,500,000	-	-	1,500,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,500,000	-	-	1,500,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	53,300	-	-	53,300
Net Annual Operating Costs:	53,300	-	-	53,300

One-Time Operating Costs				
Implementation Costs:	10,000	-	-	10,000

Impact to Operating Budget	63,300	-	-	63,300
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Supplemental Report

Project Name:	Lacewood Terminal Replacement
Project Number:	CB000013
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	30

Project Description:

The current Lacewood Terminal in Clayton Park is over capacity, and increases to transit service in the area are not possible without replacing the Terminal. A new terminal has been proposed with up to ten bus bays, as well as layover spaces, 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.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	3,650,000	4,850,000	-	8,500,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	3,650,000	4,850,000	-	8,500,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	78,400	-	78,400
Net Annual Operating Costs:	-	78,400	-	78,400

One-Time Operating Costs				
Implementation Costs:	-	10,000	-	10,000

Impact to Operating Budget	-	88,400	-	88,400
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Supplemental Report

Project Name:	Mid Life Bus Rebuild
Project Number:	CVD00431
Project Manager:	Mike Hartlen
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

This project supports a twenty (20) year life for vehicles in the Conventional Transit Fleet and includes funds to rebuild approximately six (6) buses per year. This program will extend their useful life while reducing repair/maintenance costs for the remaining years of service.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	500,000	300,000	300,000	1,100,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	500,000	300,000	300,000	1,100,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs				
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Supplemental Report

Project Name:	New Conventional Ferry
Project Number:	CMX01123
Project Manager:	Glen Bannon
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	25

Project Description:

Metro Transit's existing ferries were constructed in 1978 (two vessels) and 1986 (one vessel). As such, these ferries will soon approach the end of their economic lifespan. Unlike most other vehicle purchases, the opportunity does not exist to purchase ferries "off the shelf".

A fourth conventional ferry has been identified by staff as a priority investment to improve the harbour ferry service between Woodside and Downtown Halifax. The fourth ferry is also recommended in the Council-Approved Metro Transit Five-Year Strategic Operations Plan and further in the Strategic Ferry Operations Plan. This ferry will be used to double the frequency of peak-hour service and add new off-peak service on the Woodside route. She will enter service in May, 2014

Design, construction, fit out and certification of the New Conventional Ferry will be funded under this project.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	6,000,000	-	-	6,000,000
Funding Source:				
Reserve Q129 - Ferry Replacement	6,000,000	-	-	6,000,000
	-	-	-	-
Total Funding:	6,000,000	-	-	6,000,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	151,900	-	-	151,900
Annual Operating Costs:	1,140,150	-	-	1,140,150
Net Annual Operating Costs:	988,250	-	-	988,250
One-Time Operating Costs				
Implementation Costs:	10,000	-	-	10,000
Impact to Operating Budget	998,250	-	-	998,250

Supplemental Report

Project Name:	New Transit Map
Project Number:	CM990002
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Growth
Asset Life (Years):	N/A

Project Description:

Metro Transit and HRM Corporate Communications will be investigating opportunities to redesign the system route map in 2013/14 . The existing route map has not undergone any significant modifications in many years, and because of the service expansion and growth that have taken place, the existing design is no longer functional . The purpose of the new Route Map will be to provide transit passengers with clearer information to allow them to plan transit trips more effectively.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	150,000	-	-	150,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	150,000	-	-	150,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	New Transit Technology
Project Number:	CM020005
Project Manager:	Phil Herritt
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

This project budget will be used to fund the various technological projects being identified in the Metro Transit technological road map. These projects will include, but not be limited to a transit specific AVL solution that will include a new base AVL system that will 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, AAB passenger upgrades including online registration, trip booking and confirmations. Metro Transit will be able to provide further updates on specific projects as the road map is completed.

The life cycles of the solutions will be varied depending on the technology.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	8,780,000	11,630,000	15,190,000	35,600,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	8,780,000	11,630,000	15,190,000	35,600,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	289,900	-	-	289,900
Net Annual Operating Costs:	289,900	-	-	289,900
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	289,900	-	-	289,900

Supplemental Report

Project Name:	Ragged Lake Transit Centre Expansion
Project Number:	CB000001
Project Manager:	Terry Gallagher
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	

Project Description:

Located in the Ragged Lake Business Park, the 175,000 sq ft. facility is used to accommodate fleet maintenance and storage needs due to the recent growth of the transit fleet. The facility can accommodate 16 lines of buses as well as 16 service bays, 1 body/paint bay and 2 fuel/wash bays. The facility also has storage for parts and tires as well as office space for administration. The facility is currently due for expansion. Expansion includes: (1.) Finishing the floors in the expansion bays in the storage building (80 Grassy Lake) to accommodate four additional lines of buses, which includes in-floor heating plumbing, ventilation system, pouring of concrete, garage doors and air line plumbing; (2.) Completing the six maintenance expansion bays (110 Grassy Lake) which includes installing hoists, extending the in-floor heating plumbing, electrical (600v) lines, airline plumbing, lubrication line(s) plumbing, HVAC system, garage doors, and pouring concrete; and (3.) Extending the parking lot on the west side of 110 Grassy lake drive to accommodate defect lines.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	3,735,000	-	-	3,735,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	3,735,000	-	-	3,735,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	141,600	-	-	141,600
Net Annual Operating Costs:	141,600	-	-	141,600
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	141,600	-	-	141,600

Supplemental Report

Project Name:	Replacement Transit Technology
Project Number:	CMU01203
Project Manager:	Phil Herritt
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	7

Project Description:

Implementation and Replacement of Metro Transit Technological solutions. Upon receipt of newly delivered replacement buses, Fleet Services removes the Vehicle Tracking/Communication (VT&C) equipment, farebox and CCTV equipment from the retired bus and reinstalls these components on the replacement buses; the expansion vehicles do not come equipped with this equipment from the manufacturer. The tech solutions, depending on the age of the components, may need to be replaced before the vehicles are considered equipped and ready for service.

Other technological solutions that will require replacement include vehicle and building CCTV/ Access Control infrastructure, UHF and TMR communications equipment, and public facing information infrastructure. The project also includes replacement of security infrastructure at ferry service to ensure compliance of Transport Canada's Domestic Ferry Security Regulations.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	410,000	210,000	210,000	830,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	410,000	210,000	210,000	830,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Service Vehicle Replacement
Project Number:	CVD00433
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	4

Project Description:

Metro Transit currently has a fleet of eight (8) supervisor vehicles that operate twenty two and a half (22.5) hours a day, all year round. These vehicles incur high mileage and this project will replace vehicles as they reach the end of their economic life.

Two (2) vehicles will be replaced in 2013/14, and three (3) will be replaced in each of the years 2014/15 and 2015/16.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	90,000	135,000	135,000	360,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	90,000	135,000	135,000	360,000
Ongoing Operating Costs				
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Shelters Replacement/Expansion
Project Number:	CBT00437
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	20

Project Description:

To replace old and outdated bus shelters and continued expansion of current shelter program. Metro Transit bus shelter inventory is aging as many were installed as early as the 1970s. Over the last several years, some shelters have been removed due to structural concerns. Expansion of bus shelters to provide shelter for a growing customer base is needed.

On average 15 shelters are replaced per year, depending on cost and location.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	105,000	105,000	210,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	105,000	105,000	210,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Transit Facilities Upgrades (Bundle)
Project Number:	CBX01164
Project Manager:	Terry Gallagher
Budget Category:	Metro Transit
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

This is a multi-year program that deals with priority recapitalization projects which impact the safety and operation conditions at HRM Transit facilities. In 2013/14, priority projects include, but are not limited to: 1) renovations at the Woodside Ferry Terminal; 2) renovations at the Halifax Ferry Terminal; and 3) replacement of a hoist at the terminal on 200 Ilsley Ave.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	450,000	450,000	450,000	1,350,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	450,000	450,000	450,000	1,350,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Transit Security
Project Number:	CMU00982
Project Manager:	Doug Mosher
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	5

Project Description:

Transit Security projects include augmentation and installation of security measures for transit assets. The project includes continual maintenance and upgrades of the security infrastructure at ferry service, to ensure compliance of Transport Canada's Domestic Ferry Security Regulations. Projects also include ongoing technical upgrades and enhancements, maintenance, and installations at transit facilities properties and vehicles, as outlined in the Threat and Vulnerability Assessment Report, performed for HRM by Transportation Resource Associates Inc. in October 2008. These initiatives help 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.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	400,000	300,000	300,000	1,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	400,000	300,000	300,000	1,000,000
Ongoing Operating Costs				
Annual Revenues:	-	-	-	-
Annual Operating Costs:	14,800	75,700	-	90,500
Net Annual Operating Costs:	14,800	75,700	-	90,500
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	14,800	75,700	-	90,500

Supplemental Report

Project Name:	Transit Software
Project Number:	CIU00875
Project Manager:	Phil Herritt
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	5

Project Description:

To 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. Costs include maintenance and license fees.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	140,000	140,000	480,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	200,000	140,000	140,000	480,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Transit Strategy
Project Number:	CMU01095
Project Manager:	Dave Reage
Budget Category:	Metro Transit
Type:	Service Improvements
Asset Life (Years):	

Project Description:

To prepare a new five-year strategic operations plan for Metro Transit. The plan will establish operational direction for Metro Transit for the next five years. The overall goal of this update is to ensure that Metro Transit is a customer-responsive and efficient medium-sized transit system, while continuing to operate in a fiscally responsible manner.

The updated Strategic Plan will ensure that Metro Transit service, and the processes which guide the planning and operation of the service, are fair, equitable, and transparent to the citizens of HRM.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	125,000	-	-	125,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	125,000	-	-	125,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Parks and Playgrounds					
G1	Artificial Fields	CPX01347	900,000			900,000
G2	Cemetery Upgrades (Bundle)	CPX01181	100,000	100,000	100,000	300,000
G3	Horticultural Renovations	CPX01183	70,000	70,000	70,000	210,000
G4	Park Assets - State of Good Repair	CP000002	1,462,000	1,400,000	1,400,000	4,262,000
G5	Park Land Acquisition	CPX01149	500,000	500,000	500,000	1,500,000
G6	Parks, Sports Courts & Fields - Service Improvement	CP000004	1,036,000	1,250,000	1,250,000	3,536,000
G7	Point Pleasant Park Upgrades	CP000006	50,000	150,000		200,000
G8	Public Gardens Upgrades	CPX01193	200,000	150,000	150,000	500,000
G9	Regional Trails Active Transportation	CPX01196	1,050,000	850,000	850,000	2,750,000
G10	Regional Trails: Maintenance	CDG00983	100,000	125,000	125,000	350,000
G11	Regional Water Access/ Beach Upgrades	CPX01331	940,000	650,000	650,000	2,240,000
G12	Sports Fields/Courts - State of Good Repair	CP000003	1,028,500	1,000,000	1,500,000	3,528,500
G13	Street Trees	CP990001	650,000	650,000	650,000	1,950,000
	Total		8,086,500	6,895,000	7,245,000	22,226,500

Supplemental Report

Project Name:	Artificial Fields
Project Number:	CPX01347
Project Manager:	Margaret Soley
Budget Category:	Parks and Playgrounds
Type:	Service Improvements
Asset Life (Years):	15

Project Description:

This program is for the development of new Artificial Sport Fields and support amenities, with needs determined through a master planning sports field strategy. Currently, HRM has three regional artificial sport field facilities. The opportunity to partner with the Province on the construction of the new Bedford High School came along, and in March, 2011 Council approved \$1.8 million for the upgrading of this field to artificial turf. It is recommended that this project be funded over a two year fiscal timeframe, in order to provide cash flow to the Province, as requested during this construction period. The new operating costs and revenues are estimates based on existing facilities. The exact operating costs won't be known until a service agreement with the Halifax School Board is finalized.

Future projects include completing the East Dartmouth site by adding amenities such as permanent washrooms, change rooms, storage and spectator seating.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	900,000	-	-	900,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	900,000	-	-	900,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	70,000	-	-	70,000
Annual Operating Costs:	83,000	-	-	83,000
Net Annual Operating Costs:	13,000	-	-	13,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	13,000	-	-	13,000
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Supplemental Report

Project Name:	Cemetery Upgrades (Bundle)
Project Number:	CPX01181
Project Manager:	Bonnie Murphy
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

This program is designed to address life-cycle refurbishment and expansion opportunities at HRM's seven owned and operated cemeteries. Items addressed include: fencing, road upgrades, headstone integrity, retaining walls, drainage and general landscaping.

Priority projects in 2013/14 include, but are not limited to, the restoration of approximately 1,100 metres of decorative ornamental metal fence at Mount Herman and Camp Hill cemeteries.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000	100,000	100,000	300,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	100,000	100,000	100,000	300,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs	2013/14	2014/15	2015/16	Total
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Supplemental Report

Project Name:	Horticultural Renovations
Project Number:	CPX01183
Project Manager:	Heidi Boutlier
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

This program addresses the rehabilitation and creation of new planting and shrub beds within parks, greenbelts, and medians throughout HRM. The objective of this program is to instill civic pride through the beautification of HRM's parks and open spaces.

Priority projects in 2013/14 include, but are not limited to, sustainability initiatives such as incorporating water reservoir type planters and containers and putting edible plants into horticultural displays.

The operational cost from capital includes annual plants, fertilizers and soil replenishment. The new operating budget will be added to cost centre R851 - Parks/Horticulture.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	70,000	70,000	70,000	210,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	70,000	70,000	70,000	210,000
Ongoing Operating Costs				
Annual Revenues:	-	-	-	-
Annual Operating Costs:	5,000	5,000	5,000	15,000
Net Annual Operating Costs:	5,000	5,000	5,000	15,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	5,000	5,000	5,000	15,000

Supplemental Report

Project Name:	Park Assets - State of Good Repair
Project Number:	CP000002
Project Manager:	Margaret Soley
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

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 and existing equipment. Playground equipment is assessed annually following Canadian Safety Association (CSA) guidelines, to ensure equipment is safe and functional.

Priority projects in 2013/14 include, but are not limited to: 1) Middle Musquodoboit Elementary School; 2) Bel Ayr School; 3) Grosvenor Wentworth School; 4) Harrietsfield School; 5) Basinview School; 6) Uplands Park; 7) Gaston Road Park; 8) Albro Lake Boardwalk; 9) Ravenscraig to Flemming Park Trail; 10) Lost Creek Park trail connection; and 11) Frenchman Lake boardwalk viewing platform.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,462,000	1,400,000	1,400,000	4,262,000
Funding Source:				
Provincial Cost Sharing	285,000	160,000	160,000	605,000
Community Cost Sharing	120,000	120,000	120,000	360,000
Other	67,000			67,000
Total Funding:	472,000	280,000	280,000	965,000
Net budget:	990,000	1,120,000	1,120,000	3,297,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Park Land Acquisition
Project Number:	CPX01149
Project Manager:	Rudy Vodicka
Budget Category:	Parks and Playgrounds
Type:	Growth
Asset Life (Years):	50

Project Description:

To fund acquisition of strategic parklands through purchase, 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. This account is used to take advantage of purchasing opportunities of land as it becomes available in the market.

As a standard, Municipal Operations operating budget will be increased by 9% of the capital costs to cover the increased operating costs incurred by the new parkland.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	500,000	500,000	500,000	1,500,000
Funding Source:				
Reserve Q107 - Parkland Development	500,000	500,000	500,000	1,500,000
	-	-	-	-
Total Funding:	500,000	500,000	500,000	1,500,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	45,000	35,000	35,000	115,000
Net Annual Operating Costs:	45,000	35,000	35,000	115,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	45,000	35,000	35,000	115,000
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Supplemental Report

Project Name:	Parks, Sports Courts & Fields - Service Improvement
Project Number:	CP000004
Project Manager:	Margaret Soley
Budget Category:	Parks and Playgrounds
Type:	Service Improvements
Asset Life (Years):	

Project Description:

This program provides for the development of new sports courts, fields, parks and playgrounds in under-serviced areas throughout HRM.

Priority projects in 2013/14 include, but are not limited to: 1) a new skate park in Hubbards; 2) a new spray park at Kinsmen Beach in Sackville; 3) a new ball field in Kingswood; 4) a new park development at Mount Royale Subdivision; 5) Heartland Village Park; and 6) Bedford West playground.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,036,000	1,250,000	1,250,000	3,536,000
Funding Source:				
Community Cost Sharing	220,000	250,000	250,000	720,000
Provincial Cost Sharing	370,000			370,000
Reserve Q107 - Parkland Development	16,000	-	-	16,000
Total Funding:	606,000	250,000	250,000	1,106,000
Net budget:	430,000	1,000,000	1,000,000	2,430,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	50,000	55,000	50,000	155,000
Net Annual Operating Costs:	50,000	55,000	50,000	155,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
Impact to Operating Budget	50,000	55,000	50,000	155,000

Supplemental Report

Project Name:	Point Pleasant Park Upgrades
Project Number:	CP000006
Project Manager:	Rudy Vodicka
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

This project provides recapitalization of Point Pleasant Park, which is HRM's most widely used Regional Park with an estimated 5 million visitors per year. Through the Point Pleasant Park Master Planning Process, a long term capital plan has been established, which will be recommended for development through a phased approach.

Priority projects in 2013/14 will be working with the Mi'kmaq community to develop suitable representation of that culture in the park in accordance with the Point Pleasant Comprehensive Plan adopted by Council in 2008.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	50,000	150,000	-	200,000
Funding Source:				
Reserve Q103 - Capital Surplus	50,000	150,000	-	200,000
	-	-	-	-
Total Funding:	50,000	150,000	-	200,000
Net budget:	-	-	-	-

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs				
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Supplemental Report

Project Name:	Public Gardens Upgrades
Project Number:	CPX01193
Project Manager:	Rudy Vodicka
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	30

Project Description:

The Public Gardens has received major restoration funds since Hurricane Juan, primarily due to the public donations and Federal Relief Funds. There is still further infrastructure in need of major refurbishment or replacement in order to maintain a high standard and the integrity expected of this site. Priority projects include, but are not limited to, restoration of urns, fencing, drainage plan and an ecological study of the pond.

As a standard, Municipal Operations operating budget will be increased by 10% of the capital costs to cover the increased operating costs incurred by the upgrades to the park.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	150,000	150,000	500,000
Funding Source:				
Community Cost Sharing	50,000	-	-	50,000
	-	-	-	-
Total Funding:	50,000	-	-	50,000
Net budget:	150,000	150,000	150,000	450,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Regional Trails Active Transportation
Project Number:	CPX01196
Project Manager:	Rudy Vodicka
Budget Category:	Parks and Playgrounds
Type:	Service Improvements
Asset Life (Years):	30

Project Description:

Halifax Regional Trails Active Transportation (AT) includes 19 Community Trail Projects as well as partnership proposals between HRM corporate agencies in the urban core. Priorities pertain to the Regional Trails Plan and HRM's Active Transportation Plan. This AT infrastructure delivers off road, multi-use trail connections between communities and neighbourhoods throughout HRM. The primary corridors are aimed at a large percent of HRM residents and provide healthy, green AT mobility for the evolving sustainable transportation network across HRM. HRM envisions an integrated trail system that will be comparable to other major cities in North America and Europe, whereby Active Transportation is a safe and desirable option for pedestrian and bikers alike. 2013/14 individual trail projects will be selected from those put forward by HRM's community trail partners based on the highest priorities outlined in Council's adopted policies.

As a standard, Municipal Operations operating budget will be increased by 10% of the average capital budget to cover the increased operating costs of maintaining new trails.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,050,000	850,000	850,000	2,750,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,050,000	850,000	850,000	2,750,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	85,000	85,000	85,000	255,000
Net Annual Operating Costs:	85,000	85,000	85,000	255,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	85,000	85,000	85,000	255,000
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Supplemental Report

Project Name:	Regional Trails: Maintenance
Project Number:	CDG00983
Project Manager:	Rudy Vodicka
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

Funds will be used for life cycle upgrades for community built trails under the Halifax Regional Trails Association's Maintenance Agreement. The funding will provide life cycle refurbishment to surfacing materials, bridge repairs and upgrades above and beyond the regular annual maintenance requirements of trails. Projects are selected annually on an as-needed basis.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000	125,000	125,000	350,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	100,000	125,000	125,000	350,000
Ongoing Operating Costs				
	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Regional Water Access/ Beach Upgrades
Project Number:	CPX01331
Project Manager:	Margaret Soley
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	30

Project Description:

This program has been designed to support the Council Focus Area, Community Planning, on the importance of maintaining safe and functional infrastructure to access HRM's lakes, beaches and harbour fronts. Included in this project is life-cycle refurbishment or replacement of municipally owned wharfs, boat launches, seawalls, and beach amenities.

Priority projects in 2013/14 include, but are not limited to: 1) The continuation of the Northwest Arm seawall restoration at Sir Sanford Flemming Park, also upgrades to the wharf beside the boat launch; 2). Papermill Lake - completion of retaining wall; 3) Jubilee Road boat launch upgrade; 4) Sullivan's Pond/Shubie Canal Locks - concrete restoration and railing; 5) Bay Lookoff Wharf - boat launch ; 6) Bissett Lake Boat Launch; and completion of the Lake Charlotte Boat Launch.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	940,000	650,000	650,000	2,240,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	940,000	650,000	650,000	2,240,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Sports Fields/Courts - State of Good Repair
Project Number:	CP000003
Project Manager:	Margaret Soley
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

This program provides for the life-cycle refurbishment of sports courts and sports fields with an inventory that exceeds 240 sports courts and 120 natural turf sports fields. Items under this program include re-grading and sodding, drainage upgrades, irrigation systems and fencing replacement. Priority projects in 2013/14 include, but are not limited to: 1) Kevin Shea Field drainage and bank stabilization; 2) Springvale backstop; 3) Eddie LeBlanc drainage; 4) Bill Zinck Ball Field upgrade; 5) Montebello Road tennis court resurfacing; and 6) Sambro School Court replacement.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,028,500	1,000,000	1,500,000	3,528,500
Funding Source:				
Provincial Cost Sharing	33,500	-	-	33,500
	-	-	-	-
Total Funding:	33,500	-	-	33,500
Net budget:	995,000	1,000,000	1,500,000	3,495,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Street Trees
Project Number:	CP990001
Project Manager:	Margaret Soley
Budget Category:	Parks and Playgrounds
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

This program provides for a tree planting program as identified in the Urban Forest Master Plan and approved by Regional Council in September 2012. The Master Plan provides the framework for the overall priorities and operational guidelines so that resources are maximized to ensure delivery of this project in a cost effective manner. It is estimated that 1,500 trees will be planted annually, at an average cost of approximately \$450 per tree.

Generally trees add aesthetic value to HRM's streetscape and open spaces. Trees also sequester carbon, thus playing a significant role in greenhouse gas reduction. Trees also play a role in the storm water management system as well as providing shade.

The operating cost of capital is overhead, such as vehicle operations and materials needed for pruning or staking, as this new stock is regularly checked for damage. The operating budget will be added to cost centre R845 - Parks Urban Forestry.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	650,000	650,000	650,000	1,950,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	650,000	650,000	650,000	1,950,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	15,000	15,000	15,000	45,000
Net Annual Operating Costs:	15,000	15,000	15,000	45,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	15,000	15,000	15,000	45,000
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3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Roads & Streets					
H1	Bridges	CRU01077	1,800,000	2,500,000	2,500,000	6,800,000
H2	Curb Renewals	CYU01076	330,000	1,100,000	1,100,000	2,530,000
H3	Municipal Operations - State of Good Repair	CR990002	2,115,000	2,115,000	2,115,000	6,345,000
H4	New Paving Streets - Core Area	CR000002		500,000	250,000	750,000
H5	New Paving Subdivision St's outside core	CR990001		1,000,000	1,000,000	2,000,000
H6	Other Road Related Works	CRU01079	1,720,000	1,500,000	1,500,000	4,720,000
H7	Storm Sewer Upgrades	CR000001	200,000	2,000,000	1,000,000	3,200,000
H8	Street Recapitalization	CYX01345	20,500,000	18,600,000	18,725,000	57,825,000
	Total		26,665,000	29,315,000	28,190,000	84,170,000

Supplemental Report

Project Name:	Bridges
Project Number:	CRU01077
Project Manager:	David Hubley
Budget Category:	Roads & Streets
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

This project addresses major upgrades or replacements to various HRM owned street and road bridge structures. Funding is also utilized to cover fees for bridge assessments, engineering designs, and construction inspection and contract administration where required.

Priority projects in 2013/14 include, but are not limited to:

- 1) replacement of Cow Bay Road Bridge near Samuel Danial Drive;
- 2) repairs to Fairview Overpass parapet wall;
- 3) repairs to Ramp DV-K (Fairview Overpass); and,
- 6) replacement of Nine Mile Bridge (St Margaret's Bay Road at Brentwood).

This project also includes cost sharing with the Province on repairs to Magazine Hill Overpass and repairs to Barrington St (inbound and outbound) over Massachusetts Ave. The Province is carrying out the work and only the HRM contribution is included.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,800,000	2,500,000	2,500,000	6,800,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,800,000	2,500,000	2,500,000	6,800,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Curb Renewals
Project Number:	CYU01076
Project Manager:	David Hubley
Budget Category:	Roads & Streets
Type:	State of Good Repair
Asset Life (Years):	50

Project Description:

This project addresses the requirement to upgrade existing deteriorated asphalt and concrete curbs, or to construct new concrete curbs. Curb renewals improve the functionality of street drainage and the asset life is expected to be 40-50 years, when using concrete as the upgrade material.

Priority projects in 2013/14 include, but are not limited to:

- 1) Dunbrack St. (E) from Knightsridge to Wentworth;
- 2) Dunbrack St. (W) from Langbrae to Farnham Gate; and
- 3) Dunbrack St. (W) from Farnham Gate to Ross.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	330,000	1,100,000	1,100,000	2,530,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	330,000	1,100,000	1,100,000	2,530,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Municipal Operations - State of Good Repair
Project Number:	CR990002
Project Manager:	Chris Mitchell
Budget Category:	Roads & Streets
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

State of good repair budget to maintain the transportation network. This new account has been condensed with the account Gravel Road Maintenance and Street Drainage Improvements (CRU01241). This account 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.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	2,115,000	2,115,000	2,115,000	6,345,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	2,115,000	2,115,000	2,115,000	6,345,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs				
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Supplemental Report

Project Name:	New Paving Streets - Core Area
Project Number:	CR000002
Project Manager:	David Hubley
Budget Category:	Roads & Streets
Type:	Service Improvements
Asset Life (Years):	20

Project Description:

This project is dedicated to upgrading HRM owned and maintained gravel roads to asphalt or chip seal. The paving of gravel roads improves functionality, and reduces maintenance costs. There are no new funds requested for 13/14, as HRM will utilize unspent funds from previous years to deliver the work listed below. Additionally, surplus from previous years, of \$290K, will be moved to the Street Recapitalization account, project number CYX01345.

Priority projects in 2013/14 include, but are not limited to:

- 1) Robert Lane from Giberson to the end (\$75,000 est); and
- 2) Hayley Lane from Lakeland to the end (\$25,000 est).

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	500,000	250,000	750,000
Funding Source:				
Local Improvement Charge (LIC)	-	250,000	125,000	375,000
	-	-	-	-
Total Funding:	-	250,000	125,000	375,000
Net budget:	-	250,000	125,000	375,000
Ongoing Operating Costs				
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	10,000	10,000	20,000
Net Annual Operating Costs:	-	10,000	10,000	20,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	10,000	10,000	20,000

Supplemental Report

Project Name:	New Paving Subdivision St's outside core
Project Number:	CR990001
Project Manager:	David Hubley
Budget Category:	Roads & Streets
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

This project addresses the paving of provincially owned and maintained gravel roads. The paving of these gravel subdivision streets (outside the core area) is subject to provincial cost-sharing under the Aid to Municipality program. HRM selects the streets to be paved and facilitates the recovery of local improvement charges. The NS Department of Transportation and Infrastructure Renewal, designs and tenders the street locations. Both the province and the residents cover the cost of the work, with both parties each covering 50% of the total construction costs. The net cost to HRM is zero.

There are no candidates to select from for 2013/14.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	1,000,000	1,000,000	2,000,000
Funding Source:				
Local Improvement Charge (LIC)	-	500,000	500,000	1,000,000
Provincial Cost Sharing	-	500,000	500,000	1,000,000
Total Funding:	-	1,000,000	1,000,000	2,000,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Other Road Related Works
Project Number:	CRU01079
Project Manager:	David Hubley
Budget Category:	Roads & Streets
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

This project covers funding required for a variety of areas including installation of new guiderails and retaining walls, upgrade of existing guiderails and walls, upgrading of walkways, and materials testing requirements for capital projects.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,720,000	1,500,000	1,500,000	4,720,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,720,000	1,500,000	1,500,000	4,720,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Storm Sewer Upgrades
Project Number:	CR000001
Project Manager:	David Hubley
Budget Category:	Roads & Streets
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

This account was created as a contingency to fund storm sewer upgrades where it may be in the best interest of HRM to contribute to a storm sewer upgrade, where the current system is insufficient and the road structure is being negatively impacted.

Years 13/14 and 14/15 of this plan are part of the Interim Stormwater Funding Solution presented to council Feb 12, 2013. In the next 2 years, it is expected that, HRM in conjunction with Halifax Water, will jointly create an integrated Stormwater Policy with sustainable funding.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	2,000,000	1,000,000	3,200,000
Funding Source:				
Local Improvement Charge (LIC)	-	1,000,000	-	1,000,000
	-	-	-	-
Total Funding:	-	1,000,000	-	1,000,000
Net budget:	200,000	1,000,000	1,000,000	2,200,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Street Recapitalization
Project Number:	CYX01345
Project Manager:	David Hubley
Budget Category:	Roads & Streets
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

This project is dedicated to upgrading existing HRM owned and maintained asphalt street surfaces, through a variety of rehabilitation methods. Each method has a different life expectancy and ranges from 5-20 years. The appropriate method is selected using sound asset management techniques to maximize the impact of the investment, which improves the functionality of the network.

Other funding represents \$100K of pavement impact charges which, are fees collected from Heritage Gas to contribute to the eventual resurfacing of the road impacted by the installation of natural gas pipelines. The cost sharing from Halifax Water is a \$300K allowance for hardware adjustments performed in 2012. Additionally, \$290K of surplus funds will be transferred from Paving of HRM Owned Streets, project number CR000002, as detailed in the budget breakdown on the following page.

A detailed list of streets is on the following page.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	20,500,000	18,600,000	18,725,000	57,825,000
Funding Source:				
Halifax Water Cost Sharing	300,000	-	-	300,000
Other	100,000	-	-	100,000
Total Funding:	400,000	-	-	400,000
Net budget:	20,100,000	18,600,000	18,725,000	57,425,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Capital Project Supplementary Report

Project Name: Street Recapitalization	Project # CYX01345
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PROJECT/LOCATION

Advanced Funding	Limits	DISTRICT	ESTIMATE
Aspen Way Cres	Avondale Avondale	4	\$600,000
John Stewart Dr	Cole Harbour Inglewood (S)	4	\$510,000
Circassion Dr	Forest Hills Kirtland	4	\$400,000
Brookdale Cres	Micmac Micmac	5	\$285,000
Brookdale Crt	Brookdale End	5	\$60,000
Gaston Rd	Galaxy End	5	\$525,000
Gourok Ave	Gourok Culrain	6	\$625,000
Kincardine Dr	Inverary Dumbarton	6	\$550,000
Queen St	Morris Spring Garden	7	\$350,000
Sackville St	Bell Brunswick	7	\$250,000
Robie St (E, W)	University Spring Garden	7	\$310,000
Coburg Rd	Oxford Henry	7	\$365,000
Barrington St	Hanover Duffus	8	\$370,000
Lady Hammond Rd (N, S)	Mackintosh Windsor	8	\$210,000
Mabou Ave	Purcell's Cove End	9	\$250,000
Sunnybrae Ave	Hillcrest Dutch Village	10	\$535,000
Rufus Ave	Birch Alex	10	\$320,000
Thin Overlays			\$1,400,000
Surface Sealing			\$1,400,000
Cracksealing			\$200,000
Street Planer Patching			\$500,000
Subtotal Advanced			\$10,015,000

Remaining Budget

Remaining Budget	Limits	DISTRICT	ESTIMATE
Rolling Hills Dr	Waverley Civic 276	1	\$510,000
Caldwell Rd	Hines Macdonalds Beach	3	\$800,000
Hardisty Crt	Colby Dr Loop Itself	4	\$740,000
Micmac Blvd South	Woodland Kent Driveway (Glen	5	\$430,000
Agricola St (W)	Livingstone Young	8	\$115,000
Tupper Grv	Prince Arthur Armview	9	\$115,000
Quinn St	Chebucto Quinpool	9	\$440,000
Withrod Dr	Herring Cove Mountain	9	\$700,000
Dipper Cres	Flamingo End	10	\$220,000
Dunbrack St	Knightsridge Wentworth	10	\$475,000
Old Sambro Rd	Leiblin Halfway Point	11	\$450,000
Chain Lake Dr (E, W)	Washmill Lovett Lake	12	\$500,000
Dunbrack St	Langbrae Farnham Gate	12	\$310,000
Dunbrack St	Ross Farnham Gate	12	\$210,000
Greenwood Ave	Brentwood Eisener	12	\$440,000
Hammonds Plains Rd	Rockcliffe Flat Lake	13	\$525,000
Micmac Dr	Pockwock Halfway Lake	13	\$260,000
Patton Rd	Sackville Sackville	14	\$670,000
Hillcrest Dr	Hillside Hillside	15	\$550,000
Old Sackville Rd	Walker Sackville Cross	15	\$330,000

Capital Project Supplementary Report

Project Name: Street Recapitalization				Project # CYX01345
Hammonds Plains Rd	Giles	Kearney lake	16	\$250,000
Orchard St	Basinview	Monarch	16	\$50,000
Monarch Dr	Orchard	End	16	\$150,000
Thin Overlays				\$1,300,000
Surface Sealing				\$2,100,000
Street Planer Patching				\$535,000
Subtotal Remaining				<u>\$13,175,000</u>
Total Estimate				<u><u>\$23,190,000</u></u>

Summary of Budget Breakdown:

2013/14 Street Recapitalization Budget	\$20,100,000
Surplus from previously approved Accounts	\$2,400,000
HW 2012 Hardware Adjustment Reimbursement	\$300,000
Transfer from Gravel Road Paving (CR000002) Surplus	\$290,000
Pavement Impact Funds	\$100,000
Total Budget	<u><u>\$23,190,000</u></u>

Shopping List

	Limits			
Portland Estates Blvd W	Portland Est Wedgewood	3		\$300,000
Duncan St	Harvard Windsor	8		\$185,000

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Sidewalks, Curbs & Gutters					
11	New Sidewalks	CR000003	1,185,000	2,500,000	2,500,000	6,185,000
13	Sidewalk Renewals	CKU01084	2,500,000	2,550,000	2,600,000	7,650,000
	Total		3,685,000	5,050,000	5,100,000	13,835,000

Supplemental Report

Project Name:	New Sidewalks
Project Number:	CR000003
Project Manager:	David Hubley
Budget Category:	Sidewalks, Curbs & Gutters
Type:	Service Improvements
Asset Life (Years):	30

Project Description:

This project is dedicated to the installation of new sidewalks. New sidewalks provide pedestrian safety and supports the active transportation initiative. New sidewalk locations may be subject to local improvement charges, pursuant to the requirements of the LIC By-law and policy.

The increase to the operating budget is for snow clearing and rehab and is based on historical per unit data of existing sidewalks.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,185,000	2,500,000	2,500,000	6,185,000
Funding Source:				-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,185,000	2,500,000	2,500,000	6,185,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	22,400	30,000	30,000	82,400
Net Annual Operating Costs:	22,400	30,000	30,000	82,400

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	22,400	30,000	30,000	82,400
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Capital Project Supplementary Report

Project Name: New Sidewalks	Project # CR000003
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PROJECT/LOCATION

Advanced Funding	Limits		DISTRICT	ESTIMATE
Cumberland Dr	Hampton Grn	Cole Harbour	4	\$350,000
Portland St	Chestnut	Green Village	5	\$100,000
Lady Hammond Rd	Windsor	Civic 6380	8	\$150,000
Sunnybrae Ave	Alex	Fronting School	10	\$30,000
St Margaret's Bay Rd	Nine Mile Brdg	Brentwood	12	\$110,000
Total Advanced				\$740,000

Remaining Budget	Limits		DISTRICT	ESTIMATE
Eisener Boulevard	Walkway	Crosswalk	3	\$130,000
Eisener Boulevard	Norm Newman	Bus Stop	3	\$20,000
Caldwell Rd	Cole Harbour	Hampton Grn	4	\$145,000
Morris St	Hollis	Lower Water	7	\$60,000
Skylark St	Flamingo	Melody	10	\$150,000
Starling St	Flamingo	Wren	10	\$50,000
Wren St	Starling	Pioneer	10	\$80,000
Willett St	Glenforest	Main	10	\$200,000
Chain Lake Dr	Lacewood	Washmill	12	\$265,000
Chain Lake Dr	Washmill	1st Bus Stop	12	\$30,000
Sackville Drive *	Civic 1208	Melham	14	\$20,000
Old Beaver Bank Rd	Property Line	Sackville	15	\$50,000
Total Estimate				\$1,940,000

Summary of Budget Breakdown:

2013/14 New Sidewalk Budget	\$1,185,000
Surplus from previously approved New Sidewalk Account	\$755,000
Total Budget	\$1,940,000

* For Design Stage only

Supplemental Report

Project Name:	Sidewalk Renewals
Project Number:	CKU01084
Project Manager:	David Hubley
Budget Category:	Sidewalks, Curbs & Gutters
Type:	State of Good Repair
Asset Life (Years):	30

Project Description:

This project enhances the quality of existing sidewalks and improves the level of service to the pedestrian users. Sidewalk Renewals involve the removal/replacement of the existing concrete and asphalt sidewalks (due to deteriorated conditions). The work may also involve curb upgrades. A detailed list of sidewalks is on the following page.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	2,500,000	2,550,000	2,600,000	7,650,000
Funding Source:	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	2,500,000	2,550,000	2,600,000	7,650,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs				
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Capital Project Supplementary Report

Project Name: Sidewalk Renewals	Project # CKU01084
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PROJECT/LOCATION	Limits		DIRECTION	DISTRICT	ESTIMATE COST
Advanced Funding					
Circassion Dr	Glenalva	Kirtland	N	4	\$95,000
Gaston Rd	Galaxy	End	S	5	\$180,000
Faulkner St	Windmill	Dickson	S	5	\$120,000
Queen St	Spring Garden	Clyde	W	7	\$35,000
Robie St	College	University	E	7	\$35,000
Blowers St	Grafton	Market	N	7	\$20,000
Blowers St	Grafton	Market	S	7	\$12,000
Grafton St	Spring Garden	Blowers	W	7	\$65,000
Coburg Rd	Oxford	Larch	N	7	\$42,000
Hollis St	In Front of Art Gallery		E	7	\$15,000
Prince St	Hollis	Lower Water	N	7	\$45,000
Prince St	Lower Water	Hollis	S	7	\$45,000
Richmond St	Connor	Basketball Crt	N	8	\$60,000
Barrington St	Hanover	Civic 3390	W	8	\$165,000
Cloverdale Rd	Oxford	Connolly	N	8	\$110,000
Peter Lowe Ave	George Daupinee	Ralph Devlin	S	9	\$40,000
Peter Lowe Ave	Doug Smith	William Hunt	S	9	\$37,000
Peter Lowe Ave	Ralph Devlin	Robert Murphy	S	9	\$37,000
Subtotal Advanced					\$1,158,000

Capital Project Supplementary Report

Project Name: Sidewalk Renewals	Project # CKU01084
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Remaining Budget	Limits					
Garden St	Cedar	Shirley	W	7		\$75,000
Garden St	Cedar	Linden	E	7		\$75,000
South St	South Park	Queen	S	7		\$159,000
Agricola St	Kaye	Young	W	8		\$30,000
Young St	Vincent	Devonshire	N	8		\$15,000
Young St	Vincent	Union	N	8		\$34,500
Vincent St	Young	Russell	E	8		\$65,000
Micmac St	Edgewood	Bayers	E	9		\$130,000
Huron St	Micmac	End	S	9		\$70,000
Huron St	Micmac	End	N	9		\$70,000
Withrod Dr	Herring Cove	Mayo	S	9		\$80,000
Swaine St	Chebucto	Berlin	W	9		\$99,500
Swaine St	Vienna	Berlin	E	9		\$44,000
Armcrescent East Dr	Benjamin Greene	First	W	9		\$165,500
Armcrescent East Dr	Second	First	E	9		\$36,000
Armcrescent West Dr	Benjamin Greene	First	E	9		\$178,500
Fourth St	Newton	Armcrescent East	N	9		\$66,000
Armcrescent East Dr	Benjamin Greene	Fourth	E	9		\$58,000
Armcrescent East Dr	Third	Second	E	9		\$35,000
Transfer to MOPS for slab replacement						\$136,000
Subtotal Remaining						\$1,622,000
Total Estimate						\$2,780,000
 Summary of Budget Breakdown:						
Sidewalk Renewal Budget						\$2,500,000
Surplus from previously approved Sidewalk Renewal Accounts						\$280,000
						\$2,780,000

Shopping List	Limits					
Watt St	Vernon	Henry	S	7		\$46,000
Duncan St	Chebucto	Harvard	N	8		\$160,000
Jack Ferguson Ave	Edward Arab	End	N	9		\$37,000
Jack Ferguson Ave	Edward Arab	End	S	9		\$37,000

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Solid Waste					
J1	Additional Green Carts for New Residents	CW000001	435,000	435,000	435,000	1,305,000
J2	Biolac System Hwy 101 Landfill	CWU01064	310,000			310,000
J3	Burner Installation Hwy101 Lndfill	CWU01065			30,000	30,000
J4	Cell 7 Construction - Otter Lake	CWU01357			18,595,000	18,595,000
J5	Dredging of Siltation Pond	CWU01092		360,000		360,000
J6	Environment Monitoring Site Work 101 Landfill	CWU01353	450,000			450,000
J7	Half Closure Cell 6 - Otter Lake	CWU01358		1,400,000	4,862,000	6,262,000
J8	Otter Lake Equipment	CW000002	1,600,000	1,000,000	850,000	3,450,000
J9	Refuse Trailers Rural Depots	CWU01355			250,000	250,000
	Total		2,795,000	3,195,000	25,022,000	31,012,000

Supplemental Report

Project Name:	Additional Green Carts for New Residents
Project Number:	CW000001
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	Growth
Asset Life (Years):	15

Project Description:

Purchase of approximately one year supply of carts; delivery is expected to be 3,000 carts. Replacement carts are expected to be on the rise as the carts will be ten years old and no longer have a warranty. A study of carts will be undertaken in various areas to develop a phased replacement strategy. The supply of green carts is to aid residents with the requirement to source separate organics for composting in compliance with the Provincial disposal ban of organics. The increase to the operating budget will be directed to cost center R322 where they will be used to pay for the increased contractual cost to collect the additional bins, delivery and ongoing repairs.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	435,000	435,000	435,000	1,305,000
Funding Source:				
Reserve Q123 - Waste Resources	435,000	435,000	435,000	1,305,000
	-	-	-	-
Total Funding:	435,000	435,000	435,000	1,305,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	49,000	49,000	49,000	147,000
Net Annual Operating Costs:	49,000	49,000	49,000	147,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	49,000	49,000	49,000	147,000
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Supplemental Report

Project Name:	Biolac System Hwy 101 Landfill
Project Number:	CWU01064
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	15

Project Description:

Replacement of aging diffuser assemblies in lagoons 1 and 2 at Highway 101 Landfill Leachate Treatment Plant. Replacement of the assemblies will allow more efficient delivery of air to lagoon contents, allowing for more effective treatment.

Provision of 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 moisture to be added to the final engineered cell to produce and capture more landfill gas, producing more energy for the grid.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	310,000	-	-	310,000
Funding Source:				
Reserve Q119 - Sackville Landfill Closure	310,000	-	-	310,000
	-	-	-	-
Total Funding:	310,000	-	-	310,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Burner Installation Hwy101 Lndfill
Project Number:	CWU01065
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

Replacement of 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. The burner was originally scheduled for replacement in the 09/10 fiscal year but has been moved out to the 15/16 year.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	30,000	30,000
Funding Source:				
Reserve Q119 - Sackville Landfill Closure	-	-	30,000	30,000
	-	-	-	-
Total Funding:	-	-	30,000	30,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Cell 7 Construction - Otter Lake
Project Number:	CWU01357
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

The construction of Cell 7 of the Otter Lake Residuals Disposal Facility is to provide landfill space for residual refuse generated in the region. The preliminary estimate is based on Cell 6 Construction pricing and \$85,000 for engineering and monitoring. Provision for Cell Construction and Closure is provided for in the 1997 HRM and MIRROR NS Agreement in Section 15.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	18,595,000	18,595,000
Funding Source:				
Reserve Q123 - Waste Resources	-	-	18,595,000	18,595,000
	-	-	-	-
Total Funding:	-	-	18,595,000	18,595,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Dredging of Siltation Pond
Project Number:	CWU01092
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

Dredging of four siltation ponds located at the former Highway 101 Landfill site to remove accumulated silt, which will increase retention time in ponds allowing for more effective siltation and treatment of leachate to comply with Provincial regulations.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	360,000	-	360,000
Funding Source:				
Reserve Q119 - Sackville Landfill Closure	-	360,000	-	360,000
	-	-	-	-
Total Funding:	-	360,000	-	360,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Environment Monitoring Site Work 101 Landfill
Project Number:	CWU01353
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	20

Project Description:

Ensure the site continues to meet all of the requirements of a closed landfill. This work will include water monitoring, site maintenance and repair on a priority basis to meet all requirements of a closed landfill. This work will include erosion control, cap and leachate system improvements.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	450,000	-	-	450,000
Funding Source:				
Reserve Q119 - Sackville Landfill Closure	450,000	-	-	450,000
	-	-	-	-
Total Funding:	450,000	-	-	450,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Half Closure Cell 6 - Otter Lake
Project Number:	CWU01358
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

Installation of landfill gas collection system and capping of partial landfill cell in stages, and permanent cap of a fully utilized landfill cell. This closure in stages is anticipated to reduce the maintenance required for the gas collection system, improve the capture of landfill gas, reduce the potential for odours, and will reduce the amount of leachate generated from this cell. This is a preliminary estimate received from MIRROR NS in December 2009 of the cost and timing for this phased closure. Provision for Cell Construction and Closure is provided for in the 1997 HRM and MIRROR NS Agreement in Section 15.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	1,400,000	4,862,000	6,262,000
Funding Source:				
Reserve Q120 - Otter Lake Landfill Closure	-	1,400,000	4,862,000	6,262,000
	-	-	-	-
Total Funding:	-	1,400,000	4,862,000	6,262,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Otter Lake Equipment
Project Number:	CW000002
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	

Project Description:

Replacement of equipment at the end of its useful life as included in the contract. Some estimates were received from MIRROR NS in November 2010. Potential stationary equipment to be replaced or overhauled includes conveyors, compactors, bag breakers, shredder, baler, agitators, walking floor and ventilation systems. Mobile equipment to be replaced per agreed schedule in the contract.

Note that all yearly estimates are preliminary estimates only, provided by MIRROR NS. 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.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,600,000	1,000,000	850,000	3,450,000
Funding Source:				
Reserve Q123 - Waste Resources	1,600,000	1,000,000	850,000	3,450,000
	-	-	-	-
Total Funding:	1,600,000	1,000,000	850,000	3,450,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Refuse Trailers Rural Depots
Project Number:	CWU01355
Project Manager:	Barry Nickerson
Budget Category:	Solid Waste
Type:	State of Good Repair
Asset Life (Years):	10

Project Description:

These 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 should be on a maximum ten year replacement schedule. There are currently six units in the fleet.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	250,000	250,000
Funding Source:				
Reserve Q123 - Waste Resources	-	-	250,000	250,000
	-	-	-	-
Total Funding:	-	-	250,000	250,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

3 Year Gross Project Budget

	Project Name	Project #	2013	2014	2015	Total
Page	Traffic Improvements					
K1	Active Transportation Plan Implementation	CTU00420	1,000,000	1,000,000	1,200,000	3,200,000
K2	Barrington Street Upgrades	CT000006		1,500,000		1,500,000
K3	Bayer's Road Upgrades/Transit Corridor Study	CMU00975	240,000			240,000
K4	Controller Cabinet and Detection Program	CT000004	400,000	400,000	500,000	1,300,000
K5	Functional Transportation Plans	CTU00884	100,000	100,000	100,000	300,000
K6	Herring Cove Road Widening	CTX01116			200,000	200,000
K7	Intersection Improvement Program	CTU01086	1,800,000	700,000	2,900,000	5,400,000
K8	LED Conversion of HRM Streetlights	CT000005	8,000,000	6,500,000	5,900,000	20,400,000
K9	Margeson Drive	CTU01287			2,025,000	2,025,000
K10	Margeson Drive Interchange	CTX01111	2,580,000			2,580,000
K11	North Park Corridor Improvements	CT000001	200,000	3,800,000		4,000,000
K12	Overhead Wiring Conversion	CTU01284	150,000	1,500,000		1,650,000
K13	Road Corridor Land Acquisition	CTU00897	280,000	250,000	200,000	730,000
K14	Road Network Model	CTU01285	750,000	100,000		850,000
K15	Roadway Oversizing - Bedford West CCC	CTU01006	2,000,000			2,000,000
K16	Street Lighting	CRU00792	225,000	205,000	220,000	650,000
K17	Traffic Signal Installation	CTU01085	600,000	600,000	750,000	1,950,000
K18	Traffic Signal Rehabilitation	CTU00419	600,000	280,000	650,000	1,530,000
K19	Traffic Signal Relamping Program	CT000002	170,000			170,000
K20	Traffic Signal System Integration	CT140001	1,200,000	1,000,000		2,200,000
K21	Traffic Studies	CT000003	100,000		100,000	200,000
K22	Transportation Demand Management Program	CTR00908	200,000	200,000	200,000	600,000
K23	Variable Messaging Signs	CTX01115	1,000,000			1,000,000
	Total		21,595,000	18,135,000	14,945,000	54,675,000

Supplemental Report

Project Name:	Active Transportation Plan Implementation
Project Number:	CTU00420
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

The Active Transportation (AT) Plan, approved by Regional Council in 2006, describes the development of a regional AT network over a twenty-five year period at an expected cost of \$100 million. Priority projects in 2013/14 include, but are not limited to:

- 1) Next phase of Burnside Drive Trail (Commodore to Wright);
- 2) Implement recommendations from Peninsula north-south AT corridor;
- 3) Construction of an AT connection from Mumford Road to Olivet Street across the CN main line;
- 4) AT connections at Porter's Lake MetroX terminal;
- 5) Design of overpass structures that make use of salvaged bikeway panels from the Macdonald Bridge; and
- 6) Additional on-street bike parking in commercial areas.

This account will be leveraging unspent available funds from previous years to complete the work listed above.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,000,000	1,000,000	1,200,000	3,200,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,000,000	1,000,000	1,200,000	3,200,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	8,000	8,000	8,000	24,000
Net Annual Operating Costs:	8,000	8,000	8,000	24,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	8,000	8,000	8,000	24,000
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Supplemental Report

Project Name:	Barrington Street Upgrades
Project Number:	CT000006
Project Manager:	Ken Reashor
Budget Category:	Traffic Improvements
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

A retaining wall that supports Barrington Street is in the need of repair. The 10-12m wall is located between North Marginal Road and the MacDonald Bridge. The budget identified in 2014/15 is a contingency to support the future maintenance of the HRM portion of the wall.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	1,500,000	-	1,500,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	1,500,000	-	1,500,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Bayer's Road Upgrades/Transit Corridor Study
Project Number:	CMU00975
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	40

Project Description:

The Halifax Peninsula Transit Corridor Study will provide a functional plan for the development of a cross-peninsula transit corridor, primarily serving express buses between Highway 102 and Scotia Square. The study will identify opportunities for the implementation of transit priority measures and/or dedicated transit lanes aimed at reducing travel time for buses along the corridor. The corridor will be a key component in achieving the transit modal split targets set in the Regional Municipal Planning Strategy.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	240,000	-	-	240,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	240,000	-	-	240,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Controller Cabinet and Detection Program
Project Number:	CT000004
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

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 also 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.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	400,000	400,000	500,000	1,300,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	400,000	400,000	500,000	1,300,000
Ongoing Operating Costs				
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Functional Transportation Plans
Project Number:	CTU00884
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Growth
Asset Life (Years):	N/A

Project Description:

Functional Transportation studies are needed to support the implementation of the Regional Plan and to deal with unanticipated developments affecting the region. These studies are typically done in association with other agencies (Transport Canada, Province of Nova Scotia, Halifax Harbour Bridges, etc) but are initiated on an as-needed basis. In 2013-14 studies expected to be undertaken will deal with the Highway 111 interchange and Portland Street and a travel survey of bridge pedway and bikeway users.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000	100,000	100,000	300,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	100,000	100,000	100,000	300,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Herring Cove Road Widening
Project Number:	CTX01116
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	40

Project Description:

The Regional Plan projects increased traffic demand on Herring Cove and a need for additional street capacity. Phase 1 of the project consists of improvement 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 in the following year.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	200,000	200,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	-	200,000	200,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Intersection Improvement Program
Project Number:	CTU01086
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

Relatively significant improvements in safety and operation can be achieved at an intersection or specific roadway sections, with minor reconfiguration or lane use changes. This budget also includes the addition of sidewalk ramps at marked crosswalks, as established by the Traffic Authority, to improve pedestrian connectivity.

Priority projects in 2013/14 include, but are not limited to:

- 1) Glendale/Chandler;
- 2) Glendale/Pinehill; and
- 3) Millwood/Beaver Bank and Caldwell Rd (between Portland and Hampton Green).

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,800,000	700,000	2,900,000	5,400,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,800,000	700,000	2,900,000	5,400,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	LED Conversion of HRM Streetlights
Project Number:	CT000005
Project Manager:	Angus Doyle
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	20

Project Description:

The project involves purchasing approximately 28,500 NSPI streetlight fixtures presently in operation. This quantity includes both roadway lights and other applications such as parking lots and pathways. The roadway fixtures are required by law to be replaced with more efficient LED fixtures. NSPI's stranded asset cost for these fixtures is based on their Net Book Value, less depreciation plus new purchases. Spot conversion of existing fixtures commenced in September, 2012 as a result of provincial regulation. It is anticipated that by the beginning of July, 2013, NSPI will have converted approximately 4,000 fixtures to LED, and HRM will have converted an additional 500 fixtures. Mass conversion should commence in fiscal year 2014/2015. The optimum schedule will provide for about 15% replacement for 5 consecutive years. The project will require removal and recycle/scrap of existing fixtures, upgrades to brackets and wiring, as required, and installation of new fixtures.

The operational savings from reduced energy costs will be captured in the reserve and will offset the cost to purchase new lights.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	8,000,000	6,500,000	5,900,000	20,400,000
Funding Source:				
Reserve Q327 - LED Streetlighting Reserve	8,000,000	6,500,000	5,900,000	20,400,000
	-	-	-	-
Total Funding:	8,000,000	6,500,000	5,900,000	20,400,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Present Annual Operatn \$:	-	-	-	-
Anticipated Annual Operatn \$:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Margeson Drive
Project Number:	CTU01287
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	40

Project Description:

Margeson Drive is a planned 14 kilometer collector road that will eventually run from Beaver Bank to the Hammonds Plains area. Currently, it consists of an interchange on Highway 101 with a connector to Trunk 1. The next phase (2015/16) will extend the road southward, with a bridge across the Sackville River, into the Waterstone/Glen Arbour area. A subsequent phase (2017/18) will extend Margeson Drive northward to MacLellan Drive. Margeson Drive will be owned and maintained by HRM. The road consists of two lanes with a bike lane. This road was a planned corridor in the Regional Plan to provide access to Highway 101 from growth areas in Middle Sackville and McCabe Lake.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	-	-	2,025,000	2,025,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	-	-	2,025,000	2,025,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Margeson Drive Interchange
Project Number:	CTX01111
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	50

Project Description:

The Margeson Drive Interchange on Highway 101 was opened in 2010. This project involved funding from three levels of government and was a key component in connecting growth areas identified in the Regional Plan to Highway 101. The interchange was constructed by the Province and the 2013/14 funding completes HRM's contribution to this project.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	2,580,000	-	-	2,580,000
Funding Source:				
Reserve Q126 - Strategic Growth	2,580,000	-	-	2,580,000
	-	-	-	-
Total Funding:	2,580,000	-	-	2,580,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	North Park Corridor Improvements
Project Number:	CT000001
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

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, active transportation and public art by implementing roundabouts at both intersections. A community engagement process for this project is underway. The 2013/14 budget includes funding for detailed design and any additional costs required for the community engagement process.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	3,800,000	-	4,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	200,000	3,800,000	-	4,000,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Overhead Wiring Conversion
Project Number:	CTU01284
Project Manager:	Angus Doyle
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

The Halifax Regional Municipality has been committed to the undergrounding of overhead utilities in the Capital District of the Municipality since the initial “pole free zone” was established in downtown Halifax in 1977. Substantial undergrounding occurred during the 1980s under the Provincial Main Street program. Utilities committed to cost sharing agreements as well, which resulted in as much as a 50/50 cost sharing for various undergrounding projects. However, the only work completed since the 1990s has been in conjunction with private developments. This project is the implementation mechanism to take advantage of any opportunities to install overhead wiring underground, in conjunction with other public or privately funded projects.

Currently, undergrounding is occurring in conjunction with the Queen Street streetscaping in the proximity of the new Central Library. Future potential projects are: Barrington Street, Spring Garden Road, Quinpool Road, Nantucket Avenue, Ochterloney Street, and Hollis Street.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	150,000	1,500,000	-	1,650,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	150,000	1,500,000	-	1,650,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	-	-	-	-
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Supplemental Report

Project Name:	Road Corridor Land Acquisition
Project Number:	CTU00897
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Growth
Asset Life (Years):	N/A

Project Description:

Acquisition of land is needed to secure corridors and sites for road and transit projects identified in the Regional Plan and for 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. 2013-14 priorities will be land required for a transit lane on Windmill Road, approved by Regional Council in 2008, and corridors for Margeson Drive and MacLellan Drive.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	280,000	250,000	200,000	730,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	280,000	250,000	200,000	730,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Road Network Model
Project Number:	CTU01285
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Growth
Asset Life (Years):	N/A

Project Description:

A computerized regional trip demand model has been developed for HRM in 2011. This model allows the operation of the road and transit network to be simulated and capacity demands to be projected for growth scenarios. This is an important tool in testing the value of capacity investments. Funding is used to install traffic-count hardware on the street network and to collect household travel data, which is critical to validating the model. Much of the work is done in collaboration with Dalhousie University.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	750,000	100,000	-	850,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	750,000	100,000	-	850,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

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Supplemental Report

Project Name:	Roadway Oversizing - Bedford West CCC
Project Number:	CTU01006
Project Manager:	Paul Burgess
Budget Category:	Traffic Improvements
Type:	Growth
Asset Life (Years):	20

Project Description:

This account includes projects required to implement the Bedford West Transportation master plan. It includes road widening projects which will be carried out by HRM, and contributions to developers to oversize new collector roads. Projects will be partially funded through the Capital Cost Contribution program.

Priority projects in 2013/14 include the construction of the Kearney Lake connector road.

The Kearney Lake connector is a 900m road that will connect the Larry Uteck Blvd/Highway 102 Interchange to Kearney Lake Road. The road will link Bedford West to Bedford South and provide access to Highway 102. It will also facilitate development in the Bedford West master plan area. HRM will own the road and there will be a multi-use trail adjacent to the road.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	2,000,000	-	-	2,000,000
Funding Source:				
Capital Cost Contribution	1,340,000	-	-	1,340,000
	-	-	-	-
Total Funding:	1,340,000	-	-	1,340,000
Net budget:	660,000	-	-	660,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	16,400	-	-	16,400
Net Annual Operating Costs:	16,400	-	-	16,400
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	16,400	-	-	16,400

Supplemental Report

Project Name:	Street Lighting
Project Number:	CRU00792
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

The Halifax Regional 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 replacement and maintenance of street light infrastructure including poles and power enclosures.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	225,000	205,000	220,000	650,000
Funding Source:				
Reserve Q103 - Capital Surplus	225,000	205,000	220,000	650,000
	-	-	-	-
Total Funding:	225,000	205,000	220,000	650,000
Net budget:	-	-	-	-

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Traffic Signal Installation
Project Number:	CTU01085
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

The requirement for the installation of new traffic control such as traffic signals and crosswalk lights is based on guidelines and technical warrants established by the Transportation Association of Canada. Priority projects in 2013/14 include, but are not limited to: 1) Wright/Garland/Williams; 2) Chain Lake/Horseshoe; 3) Chain Lake/Lakelands. Other locations may be added at a later date once evaluations are completed.

The increase to the operating budget is for maintenance, electrical equipment and the cost of power.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	600,000	600,000	750,000	1,950,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	600,000	600,000	750,000	1,950,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	9,000	9,000	9,000	27,000
Net Annual Operating Costs:	9,000	9,000	9,000	27,000

One-Time Operating Costs

Implementation Costs:	-	-	-	-
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Impact to Operating Budget

	9,000	9,000	9,000	27,000
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Supplemental Report

Project Name:	Traffic Signal Rehabilitation
Project Number:	CTU00419
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	State of Good Repair
Asset Life (Years):	N/A

Project Description:

HRM owns and operates approximately 270 traffic signals and 180 RA-5 overhead crosswalk lights. 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 the HRM's inventory of traffic signal hardware.

Priority projects in 2013/14 include, but are not limited to: 1) Spring Garden/Queen; 2) Portland/Alderney/Prince Albert; 3) Robie/University; 4) Quinpool/Robie; and 5) Spring Garden/Summer.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	600,000	280,000	650,000	1,530,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	600,000	280,000	650,000	1,530,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Traffic Signal Relamping Program
Project Number:	CT000002
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	State of Good Repair
Asset Life (Years):	8

Project Description:

Over the last several years, all of the incandescent lamps in the traffic signal network were replaced with LED technology. One of the many benefits was a reduction in electricity costs of approximately 85%. 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. Industry standards suggest that LED lamps should be replaced approximately every 8 years, to ensure that the appropriate light levels are maintained.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	170,000	-	-	170,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	170,000	-	-	170,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Traffic Signal System Integration
Project Number:	CT140001
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

The existing SCOOT centralized traffic signal control system, was installed in 1990 in the former City of Halifax and has reached the end of its life cycle. Since then, there have been many significant changes and advancements in the traffic signal control industry and Intelligent Transportation Systems (ITS) in general. The purpose of this project is to identify a suitable upgrade or replacement of the existing SCOOT traffic signal control system in the Halifax Peninsula, complete with a strategy for procurement and installation of the recommended system requirements. The initial focus will be on the Halifax Peninsula area but the plan is to expand the system to the remaining signal network.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,200,000	1,000,000	-	2,200,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,200,000	1,000,000	-	2,200,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	-	-	-	-

Supplemental Report

Project Name:	Traffic Studies
Project Number:	CT000003
Project Manager:	Taso Koutroulakis
Budget Category:	Traffic Improvements
Type:	Growth
Asset Life (Years):	N/A

Project Description:

There is a requirement, on occasion, to acquire the services of consultants and specialists to investigate issues related to street lights, transportation planning, and traffic management. This project allows staff to address issues as they arise, many of which are unanticipated. Also, the mechanism for the Neighbourhood Shortcutting Policy is implemented under this project. It provides for management, consulting, facilitation, public notification, data collection, as well as physical implementation of approved measures.

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	100,000	-	100,000	200,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	100,000	-	100,000	200,000

Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-

One-Time Operating Costs				
Implementation Costs:	-	-	-	-

Impact to Operating Budget	-	-	-	-
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Supplemental Report

Project Name:	Transportation Demand Management Program
Project Number:	CTR00908
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	N/A

Project Description:

Transportation Demand Management (TDM) includes programs and projects whose objective is to reduce the use of single occupant vehicle trips, particularly during commuting peaks. These measures help to manage the need for building more road capacity. The TDM Functional Plan provides a blueprint for developing these programs/projects. The focus for 2013/14 will be on school education, community outreach, marketing, expansion of the SmartTrip program, and initiation of LocalMotion (social marketing of sustainable transportation at a community level).

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	200,000	200,000	200,000	600,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	200,000	200,000	200,000	600,000
Ongoing Operating Costs	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	-	-	-	-
Net Annual Operating Costs:	-	-	-	-
One-Time Operating Costs				
Implementation Costs:	-	55,000	-	55,000
Impact to Operating Budget	-	55,000	-	55,000

Supplemental Report

Project Name:	Variable Messaging Signs
Project Number:	CTX01115
Project Manager:	Dave McCusker
Budget Category:	Traffic Improvements
Type:	Service Improvements
Asset Life (Years):	20

Project Description:

Variable message signs provide valuable information to drivers regarding construction, road closures and unplanned incidents. These messages can be shown to have a significant reduction on congestion and vehicle delay as well as improvement to safety. Halifax Harbour Bridges (HHB) have installed several such signs in the vicinity of their properties and this project, in cooperation with HHB, would add new permanent signs at strategic locations. Funding in 2012-13 is for structural design with tendering and construction in 2013-14. Funding from HRM will be matched by Halifax Harbour Bridges. Discussion with the Province on additional matching funding is ongoing.

Proposed locations for the signs are Hwy 102 at Miller Lake, Hwy 102 at Bayers Lake Business Park, Hwy 101 at Beaverbank Road, Hwy 118 at Dartmouth Crossing, and Barrington St. at Cornwallis (if budget permits).

CAPITAL COSTS

Fiscal Year	2013/14	2014/15	2015/16	Total
Gross Budget:	1,000,000	-	-	1,000,000
Funding Source:				
	-	-	-	-
	-	-	-	-
Total Funding:	-	-	-	-
Net budget:	1,000,000	-	-	1,000,000

Ongoing Operating Costs

	2013/14	2014/15	2015/16	Total
Annual Revenues:	-	-	-	-
Annual Operating Costs:	10,000	-	-	10,000
Net Annual Operating Costs:	10,000	-	-	10,000
One-Time Operating Costs				
Implementation Costs:	-	-	-	-
Impact to Operating Budget	10,000	-	-	10,000