

**Town of The Blue Mountains
2012 Budget
Department Summary**

Revised 01/16/12
02:11 PM

1-315
Engineering
Operating

	2010		2011		2012 Proposed			Projected			
	Actual	Budget	Actual	Budget	Budget	\$ Chg	% Ch	2013 Budget	% Ch	2014 Budget	% Chg
EXPENSES											
Salaries, Wages & Benefits	407,793	410,018	378,560	416,713	430,835	14,122	3.4%	442,300	2.7%	456,910	3.3%
Administrative Expenses	6,633	5,485	9,679	7,975	7,850	-125	-1.6%	7,990	1.8%	8,140	1.9%
Operating Expenses	143	0	18	0	0	0	0.0%	0	0.0%	0	0.0%
Communications	3,713	4,160	4,628	4,000	2,775	-1,225	-30.6%	2,800	0.9%	2,825	0.9%
Training Related	8,012	7,500	4,610	7,500	7,500	0	0.0%	7,840	4.5%	8,010	2.2%
Personnel	958	1,150	262	650	650	0	0.0%	650	0.0%	650	0.0%
Equipment Related	4,820	2,700	106	300	300	0	0.0%	300	0.0%	300	0.0%
Vehicle Related	2,145	1,575	1,718	2,749	2,425	-324	-11.8%	2,475	2.1%	2,550	3.0%
Professional Fees	21,742	33,500	41,879	25,000	23,500	-1,500	-6.0%	18,250	-22.3%	3,000	-83.6%
Financial Expenses	57,087	51,621	59,538	63,500	63,000	-500	-0.8%	66,150	5.0%	69,450	5.0%
Premises and Site	19	100	0	0	0	0	0.0%	0	0.0%	0	0.0%
Minor Capital Work	0	0	1,932	0	0	0	0.0%	0	0.0%	0	0.0%
TOTAL EXPENSES	<u>513,067</u>	<u>517,809</u>	<u>502,928</u>	<u>528,387</u>	<u>538,835</u>	<u>10,448</u>	<u>2.0%</u>	<u>548,755</u>	<u>1.8%</u>	<u>551,835</u>	<u>0.6%</u>
TRANSFERS											
Transfers to Capital	6,914	6,642	14,111	17,452	12,479	-4,973	-28.5%	4,982	-60.1%	4,982	0.0%
Interfunctional Transfers	-401,146	-376,451	-294,347	-392,639	-446,314	-53,675	13.7%	-454,737	1.9%	-473,817	4.2%
TOTAL TRANSFERS	<u>-394,232</u>	<u>-369,809</u>	<u>-280,236</u>	<u>-375,187</u>	<u>-433,835</u>	<u>-58,648</u>	<u>15.6%</u>	<u>-449,755</u>	<u>3.7%</u>	<u>-468,835</u>	<u>4.2%</u>
TOTAL TRANSFERS & EX	<u>118,835</u>	<u>148,000</u>	<u>222,692</u>	<u>153,200</u>	<u>105,000</u>	<u>-48,200</u>	<u>-31.5%</u>	<u>99,000</u>	<u>-5.7%</u>	<u>83,000</u>	<u>-16.2%</u>
REVENUE											
Reserve Revenue	17,931	15,000	0	20,000	20,000	0	0.0%	15,000	-25.0%	0	-100.0%
Fee and Charges	100,805	133,000	68,064	133,200	85,000	-48,200	-36.2%	84,000	-1.2%	83,000	-1.2%
TOTAL REVENUE	<u>118,736</u>	<u>148,000</u>	<u>68,064</u>	<u>153,200</u>	<u>105,000</u>	<u>-48,200</u>	<u>-31.5%</u>	<u>99,000</u>	<u>-5.7%</u>	<u>83,000</u>	<u>-16.2%</u>
NET POSITION	<u>-99</u>	<u>0</u>	<u>-154,628</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>

Streetscapes and Engineering Standards

Project #	1-315-3903
Department	Engineering & Public Works
Year of Initiation	2012
Year of Completion	2013
Submitted by	Tom Gray
Flexible	No
Capital	No

Description
This study will review the Town's existing standard cross section and propose 4 or 5 standard sections for municipal roads and 2 or 3 cross-sections for condominiums for inclusion within the Town's Engineering Standards. It uses trees and other landscaping within the municipal ROW. The appropriate level of lighting will be set and establish standard light fixtures. A number of public sessions will be held to collect the input of Town residents on the Town's proposed road cross-sections and streetscape. This is in part a CIP - Public Realm Improvement Initiative.

Category	Details
Purpose	To review the Town's Engineering Standards and to incorporate more sustainable features into the municipal cross sections and to also provide the Town with expert advice on updating the Town's Engineering Standards
Strategic Plan	This furthers the Town's Strategic Plan by addressing Goal #2 "Addressing the Town's municipal infrastructure needs".
Environmental Impact	The creation of streetscape and engineering standards will provide an opportunity to introduce environmentally responsible initiatives and provide a greener streetscape

		Budget						
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account
Materials	\$ -							62000
Advertisements	\$ -							62125
Courier	\$ -							63010
Professional Fees	\$ -							63100
Legal	\$ -							63105
Engineering	\$ -							63115
Consulting	\$ 35,000	\$ 20,000	\$ 15,000					63120
Contract Services	\$ -							63125
Contingencies	\$ -							63126
Additional Equipment	\$ -							64010
Replacement Equipment	\$ -							64011
Additional Vehicles	\$ -							64020
Replacement Vehicles	\$ -							64021
Interim Financing	\$ -							63210
Expenditures Total:	\$ 35,000	\$ 20,000	\$ 15,000	\$ -	\$ -			

		Budget							
<i>Funding</i>		Total	2012	2013	2014	2015	2016	2017	Account
	Federal Grants	\$ -							53005
	Provincial Grants	\$ -							53010
	Municipal Act 326 / 391	\$ -							54012
	Developer Contributions	\$ -							57013
	Revenue Fund - Taxes	\$ -							54011
	Revenue Fund - User Fees	\$ -							54011
	Reserves	\$ 3,500	\$ 2,000	\$ 1,500					54032
	Reserve Funds	\$ 31,500	\$ 18,000	\$ 13,500					54046
	Debt	\$ -							58100
Funding Total:		\$ 35,000	\$ 20,000	\$ 15,000	\$ -	\$ -			

<u>Timeline - Current Projects</u>	Staff Resources Required							
Consultant								

Notes to Expenditure & Funding Tables

Project Costing Driver

Cost of \$30,000 by Ainley and Associates to complete streetscape assignment and EPW estimates

Operational Expenditure Impact

Project Management
Project Team Participation

Potential Cost Savings

Funding Sources - Grants / Reserves / etc.

90% funding from General Government DC 4-124-0000-33001,
10% from Gen Govt Non Growth Reserve 1-124-0000-31020

Map or Picture of Project

**TOWN OF THE BLUE MOUNTAINS
LONG TERM FINANCIAL PLAN
CAPITAL PROJECT INFORMATION SHEET**

SECTION: Transportation Services
DEPT: ENGINEERING AND PUBLIC WORKS
SUB-DEPT: Rds & Drng Bldgs/Mach/Equip/Other
PROJECT: R9 Bldgs, Mach, Equip, and Other Summary, Roads and Drainage

PURPOSE:

PERFORMANCE & ACTIVITY MEASURES
 INCREASE (DECREASE)

PROJECT FINANCIAL DETAILS

	2011	2012	2013	2014	2015	2016
Expenditures						
Ravenna Roads Depot Expansion	0	473,750	537,500	38,000	35,875	33,600
Communications Hardware	30,000	0	0	0	0	0
Machinery and Equipment Growth-Related	15,000	0	0	0	265,000	0
Machinery and Equipment Replacement (a)	275,000	260,000	182,000	50,000	265,000	243,000
Vehicles Growth-Related	0	0	27,500	0	0	0
Vehicles, Replacement	0	0	0	0	0	0
Computer Equipment & Furniture	0	5,000	0	10,000	0	0
Computer Equipment - Public Works	4,471	5,607	3,788	3,788	4,741	3,788
Computer Equipment - Engineering	7,452	7,749	4,982	4,982	6,173	4,982
Engineering Furniture & Equipment	10,000	8,000	0	0	0	0
Total Expenditures	341,923	760,106	755,770	106,770	576,789	285,370
Sources of Financing						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
from Operations (Tax Base)	211,923	107,631	92,656	109,906	99,906	100,000
from Operations (User Fees)	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	101,500	100,000	0	0	26,500	0
from Equipment Repl Res	275,000	180,000	80,000	0	150,000	150,000
from Sewer Res	0	0	0	0	0	0
from Water Res	0	0	0	0	0	0
from Other Res	-260,000	0	0	0	0	0
from Development Charges	917,250	75,000	99,750	81,000	319,500	81,000
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	-903,750	0	0	0	0	0
<i>Debenture Financing:</i>						
Debt	0	298,750	462,500	-43,000	-45,125	-47,400
Capital Lease	0	0	0	0	0	0
Total Financing	341,923	761,381	734,906	147,906	550,781	283,600
Unfinanced Outlay (Net)	71,500	70,225	91,089	49,953	75,961	77,731

EXPLANATION & HIGHLIGHTS:

General Ledger Account(s):
 General Ledger Account(s):

Engineering and Public Works Dept Office Furniture and Equipment

Project #	6-315-1000
Department	Engineering and Public Works
Year of Initiation	2012
Year of Completion	2012
Submitted by	Reg Russwurm
Flexible	No
Capital	Yes

Description
Provision of required furniture and office equipment for Engineering and Public Works area within Town Hall. The furniture required includes A/V equipment, drawing hanging and storage cabinets, cubicle walls, and allowance for miscellaneous equipment to establish the EPW offices.

Category	Details
Purpose	To replace furniture and equipment as they reach the end of their useful lives and to equip the Engineering and Public Works area in new Town Hall to increase the department's work efficiency and information storage
Strategic Plan	Goal #2 "Addressing the Town's municipal infrastructure needs".
Environmental Impact	Furniture and equipment will be disposed of at the landfill

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ 8,000	\$ 8,000						62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
Expenditures Total:	\$ 8,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -		

		Budget							
Funding		Total	2012	2013	2014	2015	2016	2017	Account
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	8,000	\$ 8,000						54011
Revenue Fund - User Fees	\$	-							54011
Reserves	\$	-							54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
Funding Total:	\$	8,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	-

Timeline - Current Projects	Staff Resources Required							

Notes to Expenditure & Funding Tables

Map or Picture of Project

Project Costing Driver

Cost based on current prices of furniture that is required.

Operational Expenditure Impact

Project management
Review and approve payment of invoices

Potential Cost Savings

Funding Sources - Grants / Reserves / etc.

Elma Street Reconstruction

Project #	#0786
Department	EPW - Joint Project
Year of Initiation	2012
Year of Completion	2014
Submitted by	Tom Gray
Flexible	No
Capital	Yes

Description
Replacement of approx. 570m of 200mm substandard watermain, reconstruction of approx. 570m of 200 mm wastewater collection system, roadway, streetlights, sidewalk on Elma Street from Arthur Street (Hwy 26) to Alfred Street (GR 113). Project will require upper tier funding before proceeding to construction. Preliminary design in 2012 to confirm costs and streetscape. A significant public involvement process will be followed to establish design criteria.

Category	Details
Purpose	Reconstruction of Elma Street road and drainage in conjunction with watermain replacement and sanitary sewer replacement and lighting.
Strategic Plan	This furthers the Town's Strategic Plan by addressing Goal #2 "Addressing the Town's municipal Infrastructure needs"
Environmental Impact	Greenhouse gases will be generated as part of the construction activities. Drainage improvements will be made to mitigate environmental impacts

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62000
Advertisements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62125
Courier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63010
Professional Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63100
Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63105
Engineering	\$ 334,600	\$ 69,000	\$ 132,800	\$ 132,800	\$ -	\$ -	\$ -	\$ -	63115
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63120
Contract Services	\$ 2,298,000	\$ -	\$ -	\$ 2,298,000	\$ -	\$ -	\$ -	\$ -	63125
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63126
Additional Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64010
Replacement Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64011
Additional Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64020
Replacement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64021
Interim Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63210
Expenditures Total:	\$ 2,632,600	\$ 69,000	\$ 132,800	\$ 2,430,800	\$ -	\$ -	\$ -	\$ -	

Hidden Lake, James Street, Highway 26, Wards Road & Arrowhead Road EA

Project #	
Department	EPW - Joint Project
Year of Initiation	2013
Year of Completion	2013
Submitted by	Tom Gray
Flexible	Yes
Capital	Yes

Description
An EA & Pre-Design will be done in 2013 to determine road alignment, scope of work and construction costs for the reconstruction of Hidden Lake Road/James Street along with storm sewers, sidewalks and the installation of street lighting. The project will also scope the works required on Highway 26, Wards Road and Arrowhead Road to complete the sanitary servicing of the entire area and provide estimates for expected cost sharing between existing homes and development lands. This project will require cost sharing and front end funding from adjacent developer.

Category	Details
Purpose	To improve road section for growth and development. To improve street lighting and provide sanitary sewer servicing to existing residents and vacant lots.
Strategic Plan	This furthers the Town's Strategic Plan by addressing Goal #2 "Addressing the Town's minicipal infrastructure needs"
Environmental Impact	Drainage Improvements will be made to mitigate environmental impacts.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62000
Advertisements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62125
Courier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63010
Professional Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63100
Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63105
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63115
Consulting	\$ 160,700	\$ -	\$ 160,700	\$ -	\$ -	\$ -	\$ -	\$ -	63120
Contract Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63125
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63126
Additional Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64010
Replacement Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64011
Additional Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64020
Replacement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64021
Interim Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63210
Expenditures Total:	\$ 160,700	\$ -	\$ 160,700	\$ -	\$ -	\$ -	\$ -	\$ -	-

		Budget								
Funding		Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53005	
Provincial Grants	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53010	
Municipal Act 326 / 391	\$	72,350	\$ -	\$ 72,350	\$ -	\$ -	\$ -	\$ -	54012	
Developer Contributions	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	57013	
Revenue Fund - Taxes	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54011	
Revenue Fund - User Fees	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54011	
Reserves	\$	4,200	\$ -	\$ 4,200	\$ -	\$ -	\$ -	\$ -	54032	
Reserve Funds	\$	84,150	\$ -	\$ 84,150	\$ -	\$ -	\$ -	\$ -	54046	
Debt	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	58100	
Funding Total:	\$	160,700	\$ -	\$ 160,700	\$ -	\$ -	\$ -	\$ -		

Timeline - Current Projects	Staff Resources Required							

Notes to Expenditure & Funding Tables

Project Costing Driver

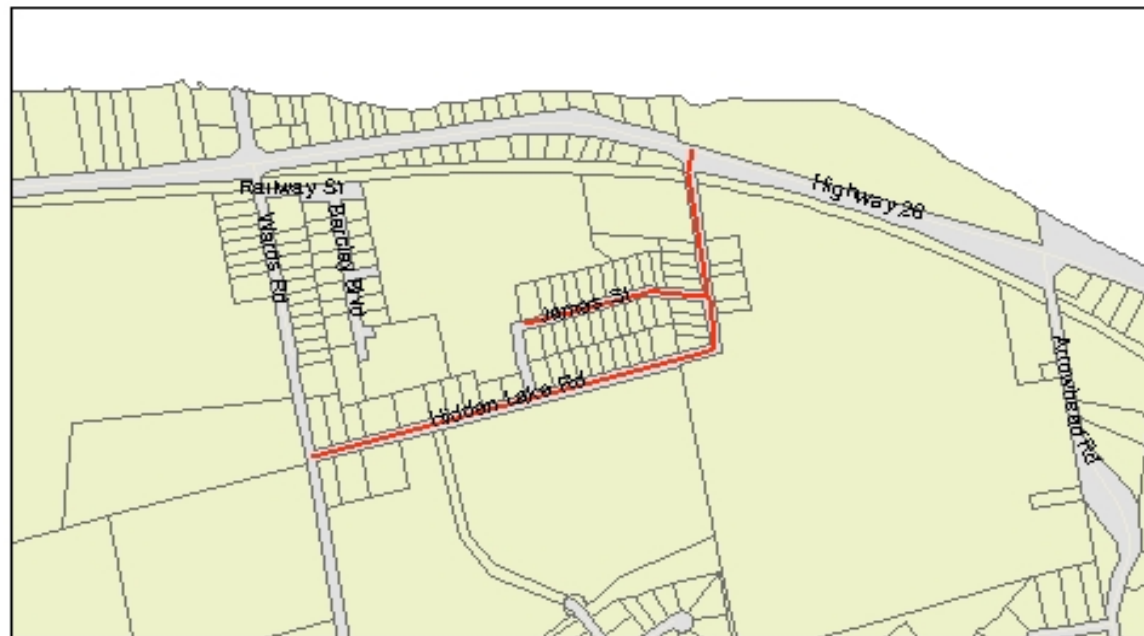
Operational Expenditure Impact

Potential Cost Savings

Funding Sources - Grants / Reserves / etc.

Road Works are funded through Development Charges. Developer to front end DC and wastewater works.

Map or Picture of Project



Lakeshore Drive Watermain and Road Improvements

Project #		Description
Department	Engineering and Public Works	Replacement of 440 metres of watermain on Lakeshore Drive in Thornbury and road reinstatement with surface treatment, (road section 882.). The existing cast iron watermain was installed in 1950 and has cracked several times.
Year of Initiation	2013	
Year of Completion	2014	
Submitted by	John Caswell	
Flexible	Yes	
Capital	Yes	

Category	Details
Purpose	Replace watermain that is sixty years old with a 150mm PVC watermain with a life expectancy of 100 years. The existing main has had several breaks.
Strategic Plan	Goal #2 "Addressing the Town's municipal infrastructure needs".
Environmental Impact	Main replacement will conserve water by reducing the number of leak occurrences. Controlling leaks will also reduce costs associated with water treatment and distribution maintenance.

Budget										
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account		
Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62000	
Advertisements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62125		
Courier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63010		
Professional Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63100		
Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63105		
Engineering	\$ 47,000	\$ -	\$ 23,500	\$ 23,500	\$ -	\$ -	\$ -	63115		
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63120		
Contract Services	\$ 363,500	\$ -	\$ -	\$ 363,500	\$ -	\$ -	\$ -	63125		
Contingencies	\$ 30,000	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	63126		
Additional Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64010		
Replacement Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64011		
Additional Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64020		
Replacement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64021		
Interim Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63210		
Expenditures Total:	\$ 440,500	\$ -	\$ 23,500	\$ 417,000	\$ -	\$ -	\$ -			

Funding	Total	Budget						Account
		2012	2013	2014	2015	2016	2017	
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53005
Provincial Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53010
Municipal Act 326 / 391	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54012
Developer Contributions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	57013
Revenue Fund - Taxes	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	54011
Revenue Fund - User Fees	\$ 123,500	\$ -	\$ 23,500	\$ 100,000	\$ -	\$ -	\$ -	54011
Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54032
Reserve Funds	\$ 267,000	\$ -	\$ -	\$ 267,000	\$ -	\$ -	\$ -	54046
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	58100
Funding Total:	\$ 440,500	\$ -	\$ 23,500	\$ 417,000	\$ -	\$ -	\$ -	

<u>Timeline - Current Projects</u>	Staff Resources Required						

Notes to Expenditure & Funding Tables

Project Costing Driver

Engineering Benchmark Costs – 2010 plus inflationary factors

Operational Expenditure Impact

Project Management, design submission review, attend construction meetings, review and approve payment of engineering fee invoices and construction payment certificates

Potential Cost Savings

Funding Sources - Grants / Reserves / etc.

Water user fees will pay for watermain replacement over a six year period ending in 2016. Taxation will fund road related improvements.

Map or Picture of Project



Mary St Watermain and Road Improvements

Project #		Description
Department	Engineering and Public Works	Replacement of substandard watermain on Mary Street (road section 326) and on Charles Street (road section 328) and road reinstatement including drainage and road structure.
Year of Initiation	2015	
Year of Completion	2016	
Submitted by	John Caswell	
Flexible	Yes	
Capital	Yes	

Category	Details
Purpose	Upgrade substandard 50mm & 100mm lines to 150mm PVC to eliminate two dead end watermains and provide another feed (loop) to the Clarksburg Service Area.
Strategic Plan	Goal #2 "Addressing the Town's municipal infrastructure needs".
Environmental Impact	Eliminating dead end watermains will reduce the amount of flushing required to maintain chlorine residuals and therefore reduce the energy required.

Budget										
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account		
Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62000		
Advertisements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62125		
Courier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63010		
Professional Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63100		
Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63105		
Engineering	\$ 33,570	\$ -	\$ -	\$ -	\$ 16,785	\$ 16,785	\$ -	63115		
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63120		
Contract Services	\$ 273,800	\$ -	\$ -	\$ -	\$ -	\$ 273,800	\$ -	63125		
Contingencies	\$ 22,380	\$ -	\$ -	\$ -	\$ -	\$ 22,380	\$ -	63126		
Additional Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64010		
Replacement Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64011		
Additional Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64020		
Replacement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64021		
Interim Financing	\$ -	\$ -	\$ -	\$ -	\$ 16,785	\$ 262,965	\$ -	63210		
Expenditures Total:	\$ 329,750	\$ -	\$ -	\$ -	\$ 33,570	\$ 575,930	\$ -			

Funding	Total	Budget					Account
		2012	2013	2014	2015	2016	
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53005
Provincial Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53010
Municipal Act 326 / 391	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54012
Developer Contributions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	57013
Revenue Fund - Taxes	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	54011
Revenue Fund - User Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54011
Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54032
Reserve Funds	\$ 279,750	\$ -	\$ -	\$ -	\$ 16,785	\$ 262,965	54046
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	58100
Funding Total:	\$ 329,750	\$ -	\$ -	\$ -	\$ 16,785	\$ 312,965	\$ -

<u>Timeline - Current Projects 2011</u>	Staff Resources Required

Notes to Expenditure & Funding Tables

Project Costing Driver

Engineering benchmark costs for 2010 plus inflationary factors for water works plus allowance for non-specific road and drainage improvements

Operational Expenditure Impact

Project management, project team participation, design submission review, attend construction meetings, review and approve payment of engineering fee invoices and construction payment certificates.

Potential Cost Savings

Reduced repairs and maintenance; reduced line breaks; increased system reliability

Funding Sources - Grants / Reserves / etc.

Blue Mountain Reserve Fund 4-415-0000-32001

Map or Picture of Project



Mill Street Reconstruction

Project #	#0724
Department	EPW - Joint Project
Year of Initiation	2014
Year of Completion	2015
Submitted by	Tom Gray
Flexible	Yes
Capital	Yes

Description
Reconstruction of Mill Street from King Street (Highway 26) to Bay Street East (240m) to urban road standard including sidewalk and storm sewers. Installation of street lighting in conjunction with reconstruction. Reline entire sanitary sewer in 2015.

Category	Details
Purpose	Urban reconstruction of Mill Street road and drainage. Replace 40-60 year old watermain. Ensure adequate lighting and ensure sufficient capacity for development
Strategic Plan	This furthers the Town's Strategic Plan by addressing Goal #2 "Addressing the Town's municipal infrastructure needs".
Environmental Impact	Greenhouse gases will be generated as part of the construction activities.

Budget										
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account		
Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62000
Advertisements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62125
Courier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63010
Professional Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63100
Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63105
Engineering	\$ 101,100	\$ -	\$ -	\$ 50,550	\$ 50,550	\$ -	\$ -	\$ -	\$ -	63115
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63120
Contract Services	\$ 776,000	\$ -	\$ -	\$ -	\$ 776,000	\$ -	\$ -	\$ -	\$ -	63125
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63126
Additional Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64010
Replacement Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64011
Additional Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64020
Replacement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64021
Interim Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63210
Expenditures Total:	\$ 877,100	\$ -	\$ -	\$ 50,550	\$ 826,550	\$ -	\$ -	\$ -	\$ -	

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53005	
Provincial Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53010	
Municipal Act 326 / 391	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54012	
Developer Contributions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	57013	
Revenue Fund - Taxes	\$ 57,000	\$ -	\$ -	\$ -	\$ 57,000	\$ -	\$ -	54011	
Revenue Fund - User Fees	\$ 81,300	\$ -	\$ -	\$ 4,650	\$ 76,650	\$ -	\$ -	54011	
Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54032	
Reserve Funds	\$ 738,800	\$ -	\$ -	\$ 45,900	\$ 692,900	\$ -	\$ -	54046	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	58100	
Funding Total:	\$ 877,100	\$ -	\$ -	\$ 50,550	\$ 826,550	\$ -	\$ -		

Timeline - Current Projects	Staff Resources Required						

Notes to Expenditure & Funding Tables

Project Costing Driver

2011 EPW Benchmark Costs

Operational Expenditure Impact

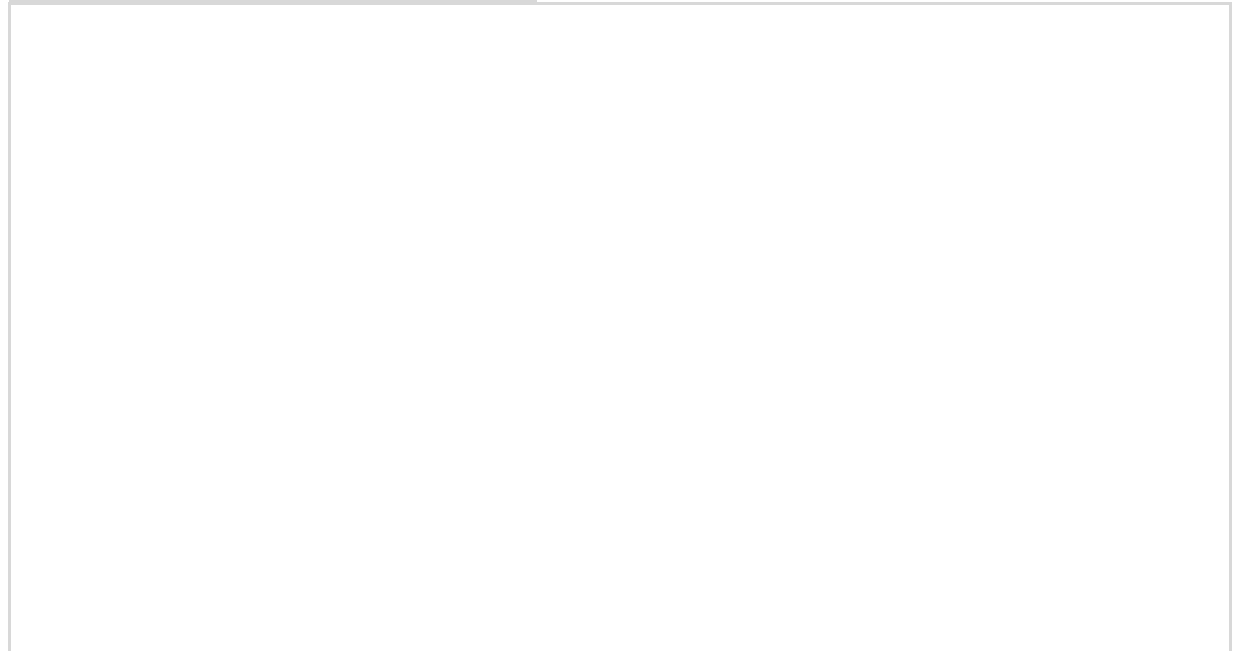
Potential Cost Savings

Reduce maintenance cost.

Funding Sources - Grants / Reserves / etc.

\$70,000 received from Riverwalk Ph1. 10% of project will be from Reserves - Roads Non-Growth - remaining from DC. Wastewater from User Fees

Map or Picture of Project



Tyrolean Lane Reconstruction

Project #	
Department	Engineering and Public Works
Year of Initiation	2015
Year of Completion	2016
Submitted by	Tom Gray
Flexible	Yes
Capital	Yes

Description
Reconstruction of roads and lighting of Tyrolean Lane from Craigmores Crescent to approx 500m easterly. Installation of 200m of 200mm wastewater line - est 8 existing and 10 new units to share sewer costs of \$8,145 ea plus plant charge of \$4,822 (2010\$). Installation of 750m of 200mm watermain with services and fire hydrants for 250m on Craigmores Cres from GR 19 to Tyrolean Lane and 500m on Tyrolean Lane easterly from Craigmores Cres. This project will require developer front end funding for DC related work.

Category	Details
Purpose	To improve roads and lighting in conjunction with water and sanitary services reconstruction
Strategic Plan	This furthers the Town's Strategic Plan by addressing Goal #2 "Addressing the Town's municipal infrastructure needs"
Environmental Impact	Greenhouse gases will be generated as part of the construction activities.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62000	
Advertisements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62125	
Courier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63010	
Professional Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63100	
Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63105	
Engineering	\$ 254,400	\$ -	\$ -	\$ -	\$ 127,200	\$ 127,200	\$ -	63115	
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63120	
Contract Services	\$ 2,237,000	\$ -	\$ -	\$ -	\$ -	\$ 2,237,000	\$ -	63125	
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63126	
Additional Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64010	
Replacement Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64011	
Additional Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64020	
Replacement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64021	
Interim Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 765,200	\$ -	63210	
Expenditures Total:	\$ 2,491,400	\$ -	\$ -	\$ -	\$ 127,200	\$ 3,129,400	\$ -		

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53005	
Provincial Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53010	
Municipal Act 326 / 391	\$ 38,667	\$ -	\$ -	\$ -	\$ 3,333	\$ 35,333	\$ -	54012	
Developer Contributions	\$ 1,815,733	\$ -	\$ -	\$ -	\$ 92,867	\$ 1,722,867	\$ -	57013	
Revenue Fund - Taxes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54011	
Revenue Fund - User Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54011	
Reserves	\$ 637,000	\$ -	\$ -	\$ -	\$ 31,000	\$ 606,000	\$ -	54032	
Reserve Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54046	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	58100	
Funding Total:	\$ 2,491,400	\$ -	\$ -	\$ -	\$ 127,200	\$ 2,364,200	\$ -		

Timeline - Current Projects	Staff Resources Required						

Notes to Expenditure & Funding Tables

Project Costing Driver

Operational Expenditure Impact

Potential Cost Savings

Funding Sources - Grants / Reserves / etc.

Development Charges - Roads Portion to be front ended by developer, User rate for water and Municipal Act & developer for wastewater

Map or Picture of Project



Wensley Drive Wastewater Extension and Road Construction

Project #	#0362
Department	Engineering & Public Works
Year of Initiation	2011
Year of Completion	2014
Submitted by	Tom Gray
Flexible	No
Capital	Yes

Description
Includes 600m of wastewater collection system on Wensley Drive. Estimated cost for 156 units is \$14,831 per unit (2010 & includes Peaks Rd works) and will be updated as project matures. Also includes replacement of approximately 75m of substandard watermain including new fire hydrant and flushing station. The reconstruction of the road will be to rural road standard with paved surface and open ditches.

Category	Details
Purpose	To provide wastewater services and updated water services to existing development. To provide upgraded road surface and drainage in conjunction with sanitary sewer and watermain extension
Strategic Plan	Addressing the Town's municipal infrastructure needs
Environmental Impact	Improve fire protection, provide a flushing station to monitor and regulate chlorine residuals. Eliminate septics will reduce impact to groundwater and receiving streams. Improved drainage will mitigate flooding and possible damage.

Budget										
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account		
Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62000
Advertisements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62125
Courier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63010
Professional Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63100
Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63105
Engineering	\$ 153,800	\$ 153,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63115
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63120
Contract Services	\$ 1,337,100	\$ 1,337,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63125
Contingencies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63126
Additional Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64010
Replacement Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64011
Additional Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64020
Replacement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	64021
Interim Financing	\$ 4,400	\$ -	\$ 3,200	\$ 1,200	\$ -	\$ -	\$ -	\$ -	\$ -	63210
Expenditures Total:	\$ 1,495,300	\$ 1,490,900	\$ 3,200	\$ 1,200	\$ -	\$ -	\$ -	\$ -	\$ -	

		Budget							
Funding		Total	2012	2013	2014	2015	2016	2017	Account
Federal Grants	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53005
Provincial Grants	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	53010
Municipal Act 326 / 391	\$	849,000	\$ 849,000	\$ -	\$ -	\$ -	\$ -	\$ -	54012
Developer Contributions	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	57013
Revenue Fund - Taxes	\$	217,400	\$ 80,000	\$ 80,000	\$ 57,400	\$ -	\$ -	\$ -	54011
Revenue Fund - User Fees	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54011
Reserves	\$	379,600	\$ 379,600	\$ -	\$ -	\$ -	\$ -	\$ -	54032
Reserve Funds	\$	49,300	\$ 49,300	\$ -	\$ -	\$ -	\$ -	\$ -	54046
Debt	\$	-	\$ 133,000	\$ 76,800	\$ 56,200	\$ -	\$ -	\$ -	58100
Funding Total:	\$	1,495,300	\$ 1,490,900	\$ 3,200	\$ 1,200	\$ -	\$ -	\$ -	

<u>Timeline - Current Projects</u>	Staff Resources Required						

Notes to Expenditure & Funding Tables

Project Costing Driver

Operational Expenditure Impact

Engineering Benchmark Costs - \$2,118 / m (\$1,150 /m - roads, \$485 / m - water, \$482 / m - sewer plus annual inflationary factors)

Potential Cost Savings

Funding Sources - Grants / Reserves / etc.

CCCL Water Reserve, Roads & Bridges Reserve Fund

Map or Picture of Project

