



2016 Capital Budget

Prepared by: Finance and Business Services



2016 Capital Budget

Table of Contents

	Page
Expenditure and Revenue Level Summary	4
Department Level Summary	5
New versus Existing Capital	6
Property-Tax Supported	
General Government	
Council	10
Corporate Services	11
Protection to Persons and Property	
Police	12
Fire	13
Building	14
Public Works	
Equipment and Administration	15
Roads and Roadside	17
Stormwater Management	20
Community Services	22
Health Services	
Cemeteries	25
Planning and Development	
Planning and Zoning	26
Business Improvement Area	27
Agriculture and Reforestation	
Drainage	28
User-Rate Supported	
Environmental Services	
Waterworks	30
Sanitary Sewer	32

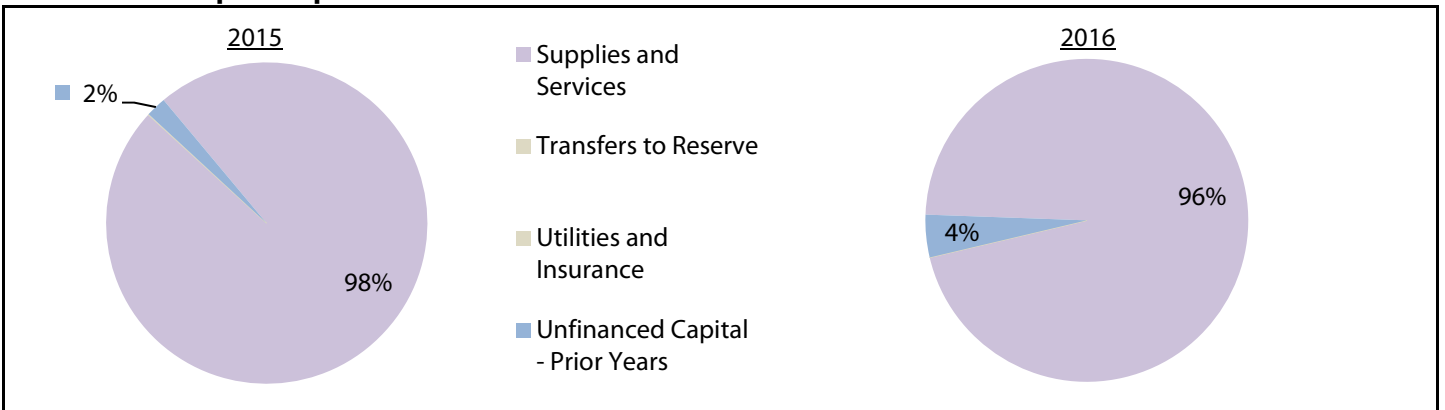


2016 Capital Budget

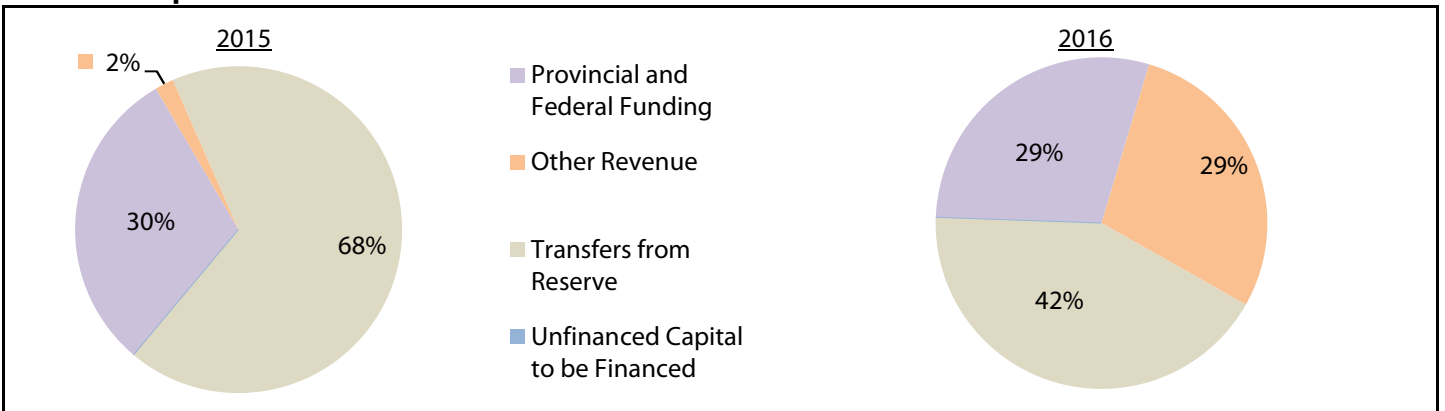
Expenditure and Revenue Level Summary

Category	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Capital Expenditures				
Supplies and Services	8,680,848	13,325,685	4,644,837	54%
Transfers to Reserve	0	0	0	0%
Utilities and Insurance	5,000	0	(5,000)	-100%
Unfinanced Capital - Prior Years	180,352	592,090	411,738	228%
Total Capital Expenditures	8,866,200	13,917,775	5,051,575	57%
Capital Revenues				
Provincial and Federal Funding	2,050,094	3,170,932	1,120,838	55%
Other Revenue	126,558	3,114,022	2,987,464	2361%
Transfers from Reserve	4,559,407	4,620,249	60,842	1%
Unfinanced Capital to be Financed	0	0	0	0%
Total Capital Revenues	6,736,059	10,905,203	4,169,144	62%
Capital Surplus/(Deficit)	(2,130,141)	(3,012,572)	(882,431)	41%

Allocation of Capital Expenditures



Source of Capital Revenues





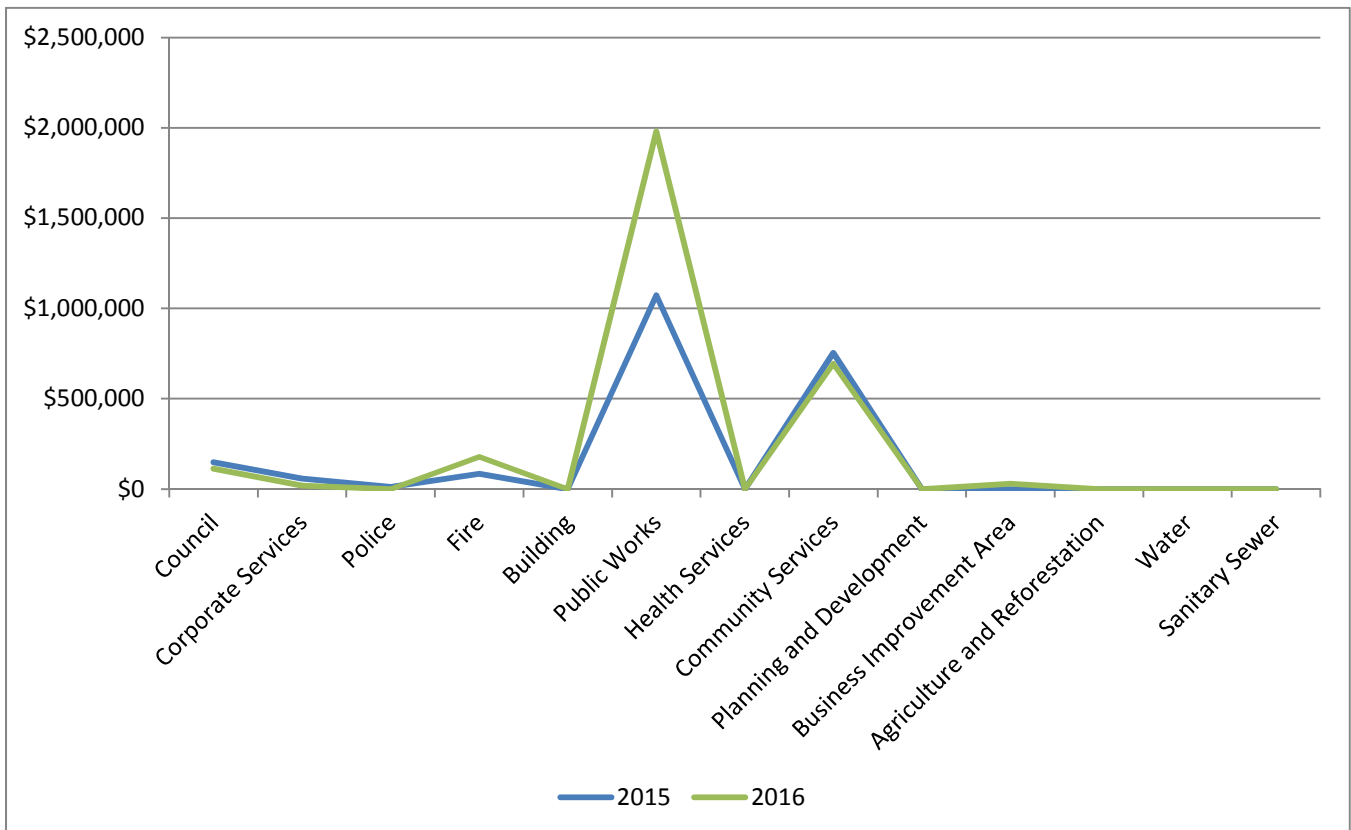
2016 Capital Budget

Department Level Summary

2016 Capital Budget Summary - By Department

Department	Expense	Revenue	Net Expense	Net Expense as % of Total
Council	119,900	6,900	113,000	3.8%
Corporate Services	65,117	46,717	18,400	0.6%
Police	0	0	0	0.0%
Fire	572,670	394,833	177,837	5.9%
Building	0	0	0	0.0%
Public Works	6,115,054	4,134,930	1,980,124	65.7%
Health Services	2,850	2,850	0	0.0%
Community Services	1,407,785	714,574	693,211	23.0%
Planning and Development	40,000	40,000	0	0.0%
Business Improvement Area	250,000	220,000	30,000	1.0%
Agriculture and Reforestation	0	0	0	0.0%
Water	568,000	568,000	0	0.0%
Sanitary Sewer	4,776,399	4,776,399	0	0.0%
Total	13,917,775	10,905,203	3,012,572	100%

Net Expenditures by Department (2015 and 2016)

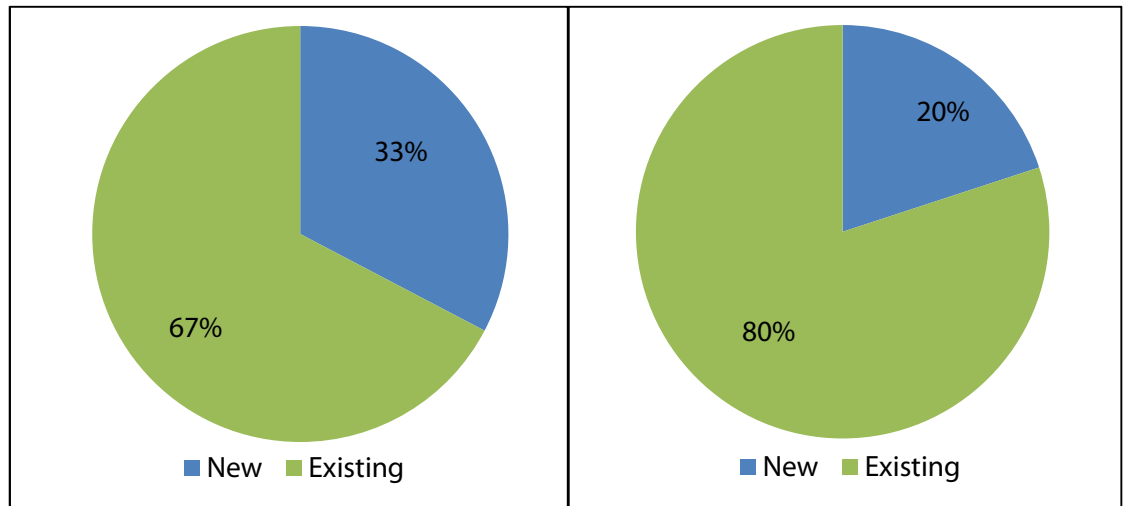




2016 Capital Projects - New versus Existing

Cost by Department

Department	2015			2016		
	New	Existing	Total	New	Existing	Total
Council	6,900	185,702	192,602	119,900	0	119,900
Corporate Services	40,345	21,609	61,954	31,417	33,700	65,117
Police	0	16,000	16,000	0	0	0
Fire	0	104,500	104,500	65,000	507,670	572,670
Building	0	5,500	5,500	0	0	0
Public Works	1,649,424	3,426,552	5,075,976	1,130,349	4,984,705	6,115,054
Health Services	0	2,850	2,850	0	2,850	2,850
Community Services	955,852	1,266,616	2,222,468	484,903	922,882	1,407,785
Planning and Development	0	0	0	0	40,000	40,000
Business Improvement Area	0	0	0	250,000	0	250,000
Agriculture and Reforestation	28,493	0	28,493	0	0	0
Water	12,000	609,800	621,800	270,000	298,000	568,000
Sanitary Sewer	204,857	329,200	534,057	428,500	4,347,899	4,776,399
Total	2,897,871	5,968,329	8,866,200	2,780,069	11,137,706	13,917,775



Asset Management

Although the 2015 Asset Management Plan only includes infrastructure assets, the overall annual requirement for all new assets can be calculated utilizing an estimated useful life of 25 years.

New Capital Assets	Estimated Average Useful Life	New Estimated Annual Requirement
2,780,069	25	111,203

The expenditures on new capital assets will have an increase to the average annual requirement of approximately \$111,000 per year.

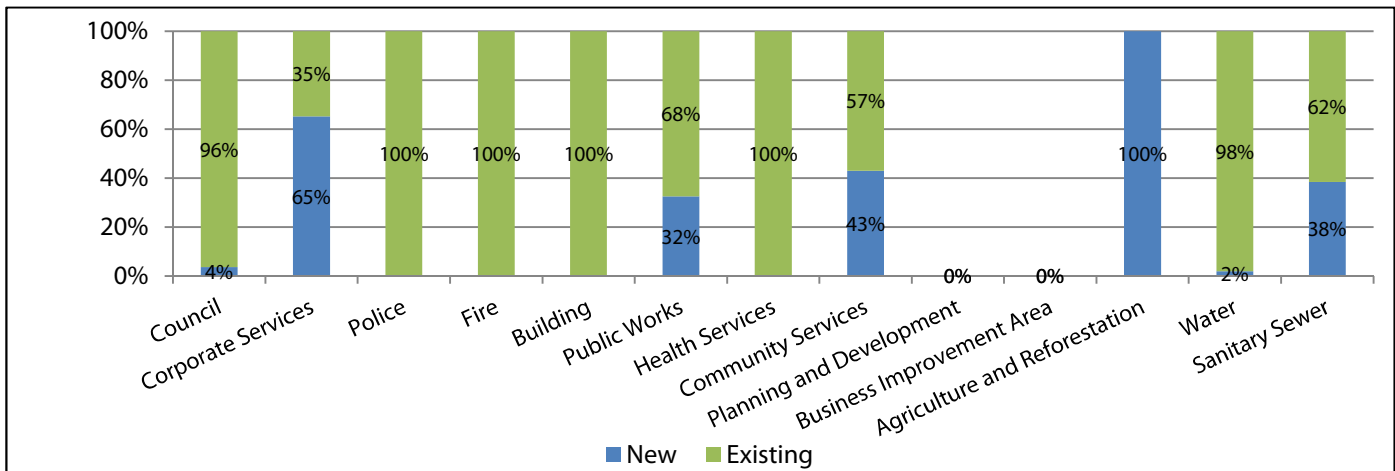


2016 Capital Projects - New versus Existing

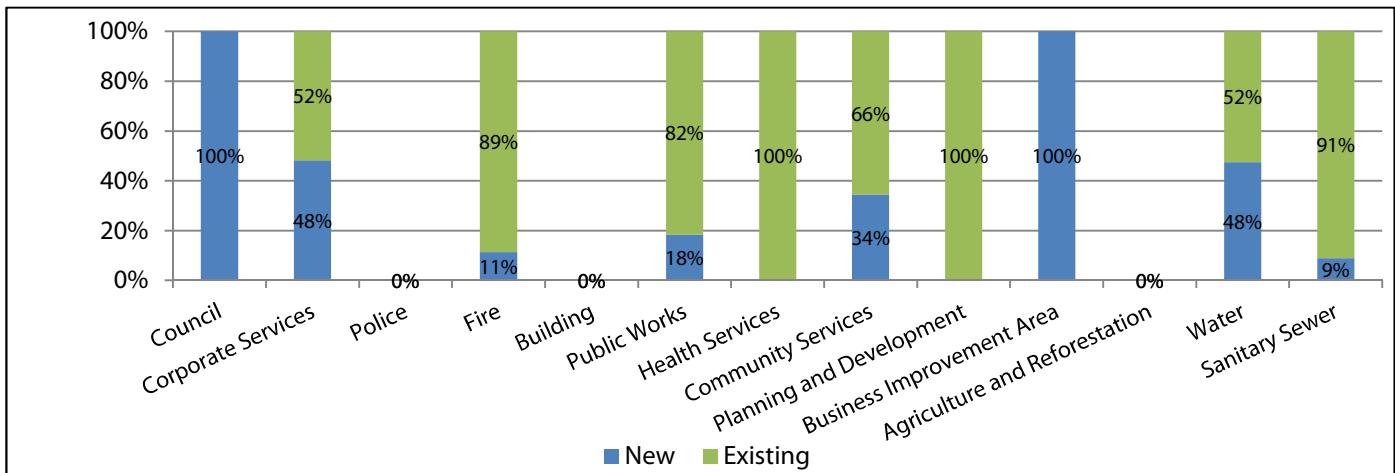
Allocation by Department

Department	2015			2016		
	New	Existing	Total	New	Existing	Total
Council	4%	96%	100%	100%	0%	100%
Corporate Services	65%	35%	100%	48%	52%	100%
Police	0%	100%	100%	0%	0%	0%
Fire	0%	100%	100%	11%	89%	100%
Building	0%	100%	100%	0%	0%	0%
Public Works	32%	68%	100%	18%	82%	100%
Health Services	0%	100%	100%	0%	100%	100%
Community Services	43%	57%	100%	34%	66%	100%
Planning and Development	0%	0%	0%	0%	100%	100%
Business Improvement Area	0%	0%	0%	100%	0%	100%
Agriculture and Reforestation	100%	0%	100%	0%	0%	0%
Water	2%	98%	100%	48%	52%	100%
Sanitary Sewer	38%	62%	100%	9%	91%	100%
Average	33%	67%	100%	20%	80%	100%

2015



2016





Property Tax Supported



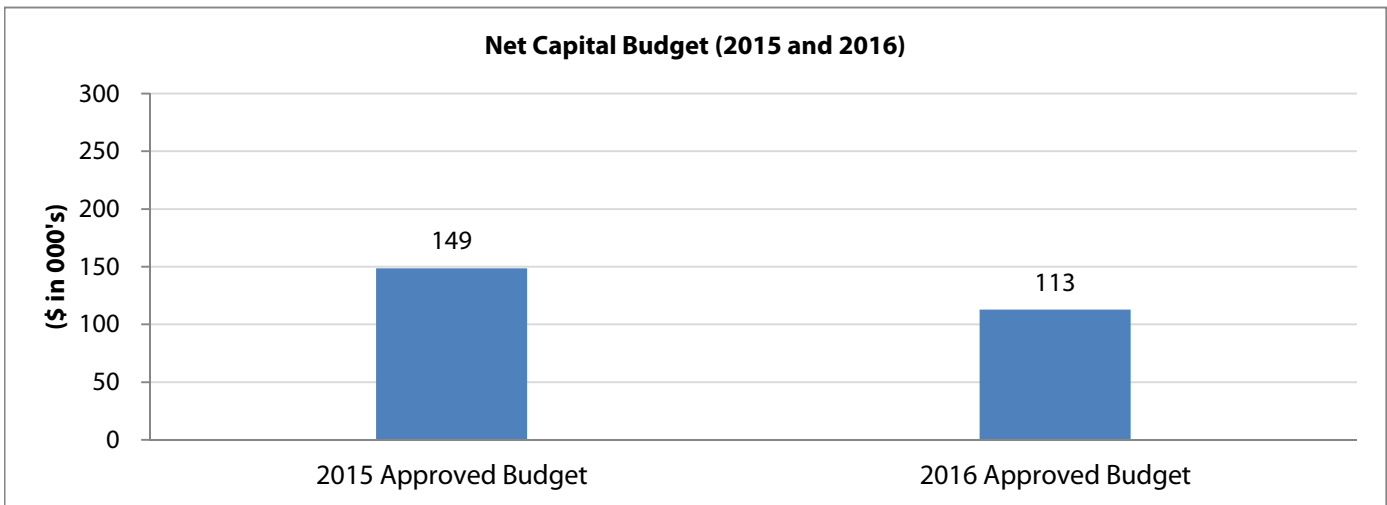
2016 Capital Budget

Department: General Government

Division: Council

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	174,043	192,602	119,900	(72,702)	-38%
Revenues	0	43,900	6,900	(37,000)	-84%
Net	174,043	148,702	113,000	(35,702)	-24%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Banner Posts (carry forward GG-15-0007)	New	GG-16-0005	6,900	6,900	0
Council Project Contingency	New	GG-16-0006	113,000	0	113,000
Total			119,900	6,900	113,000



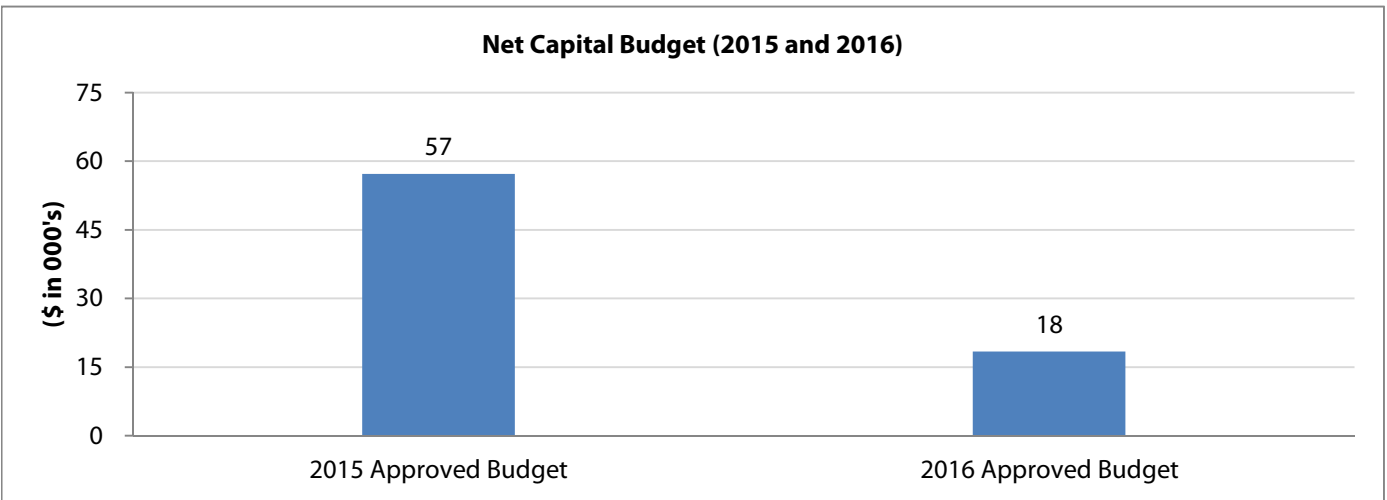
2016 Capital Budget

Department: General Government

Division: Corporate Services

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	113,950	61,954	65,117	3,163	5%
Revenues	113,950	4,702	46,717	42,015	894%
Net	0	57,252	18,400	(38,852)	-68%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Replace Heating, Ventilation, Air Conditioning Unit 4 at Town Hall	Replacement	GG-16-0001	10,400	0	10,400
Plotter Replacement (Large printer)	Replacement	GG-16-0002	8,000	0	8,000
Town Hall Accommodation Review (carry forward GG-15-0004)	Rehabilitation	GG-16-0003	15,300	15,300	0
Diamond Great Plains Virtual City Hall (carry forward GG-15-0010)	New	GG-16-0004	31,417	31,417	0
Total			65,117	46,717	18,400



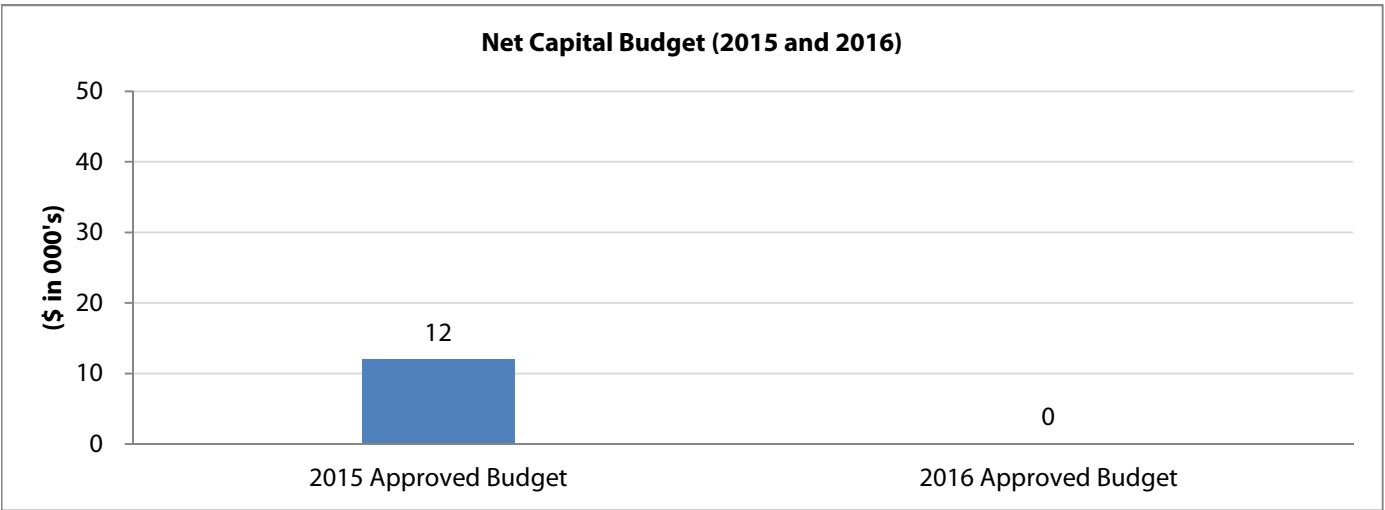
2016 Capital Budget

Department: Protection to Persons and Property

Division: Police

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	65,812	16,000	0	(16,000)	-100%
Revenues	54,750	4,000	0	(4,000)	-100%
Net	11,062	12,000	0	(12,000)	-100%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Total			0	0	0



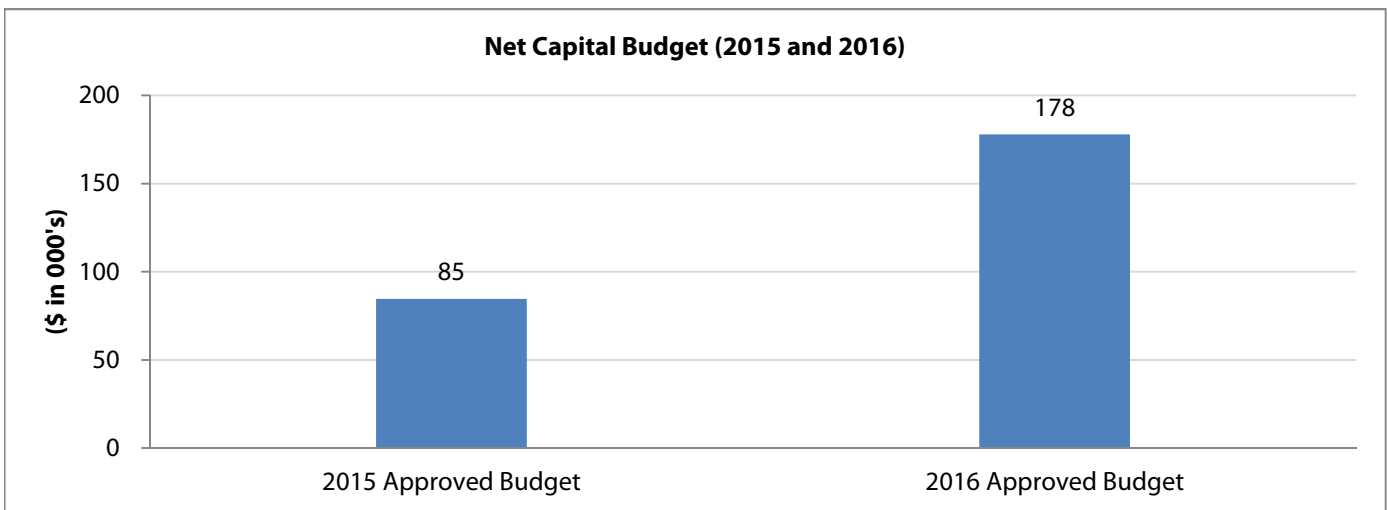
2016 Capital Budget

Department: Protection to Persons and Property

Division: Fire

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	963,016	104,500	572,670	468,170	448%
Revenues	541,795	20,000	394,833	374,833	1874%
Net	421,221	84,500	177,837	93,337	110%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Firefighter Boot Replacement Program	Replacement	FD-16-0001	3,840	0	3,840
Bunker Gear Replacement Program	Replacement	FD-16-0002	25,200	0	25,200
Firefighter Glove Replacement Program	Replacement	FD-16-0003	2,880	0	2,880
Helmet Replacement Program	Replacement	FD-16-0004	3,150	0	3,150
Hose Replacement Program	Replacement	FD-16-0005	15,000	0	15,000
Pager Replacement Program	Replacement	FD-16-0006	5,625	0	5,625
Replace Engine 1 (Station 1)	Replacement	FD-16-0007	360,000	360,000	0
Replace Spreader for Jaws of Life at Station 2	Replacement	FD-16-0008	17,000	0	17,000
Replace Assistant Deputy Chief's Vehicle	Replacement	FD-16-0009	34,000	4,858	29,142
Resurface Floor at Station 1	Replacement	FD-16-0012	11,000	0	11,000
Fire Master Plan	New	FD-16-0013	65,000	0	65,000
Firefighter Personal Protective Equipment Replacement Program (carry forward FD-15-0002)	Replacement	FD-16-0014	29,975	29,975	0
Total			572,670	394,833	177,837



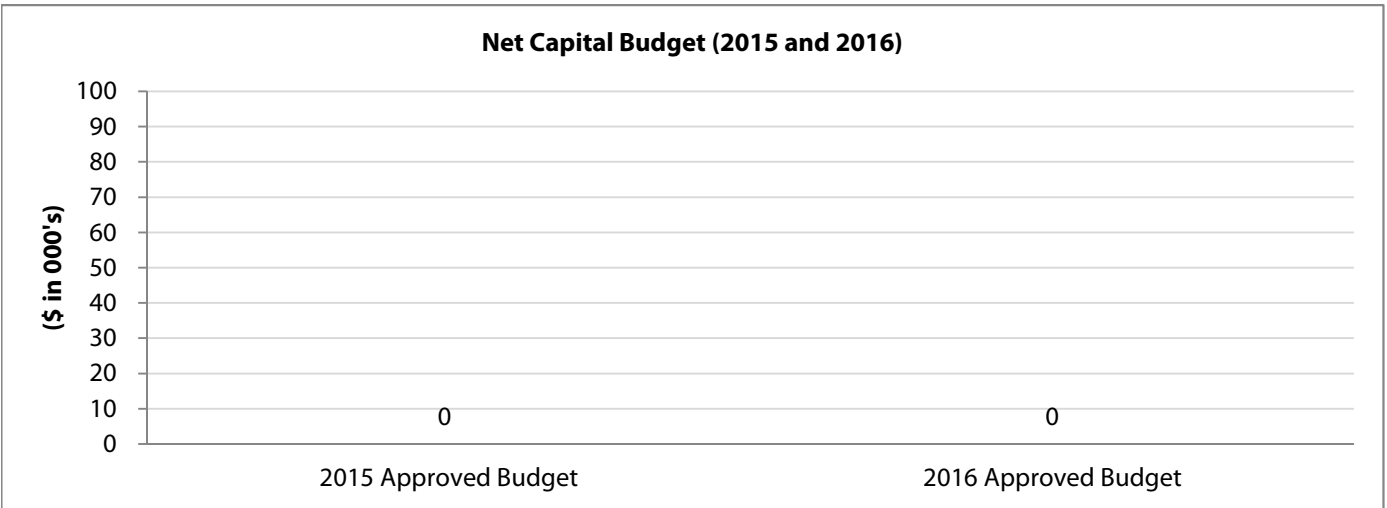
2016 Capital Budget

Department: Protection to Persons and Property

Division: Building

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	25,744	5,500	0	(5,500)	-100%
Revenues	25,744	5,500	0	(5,500)	-100%
Net	0	0	0	0	0%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Total			0	0	0



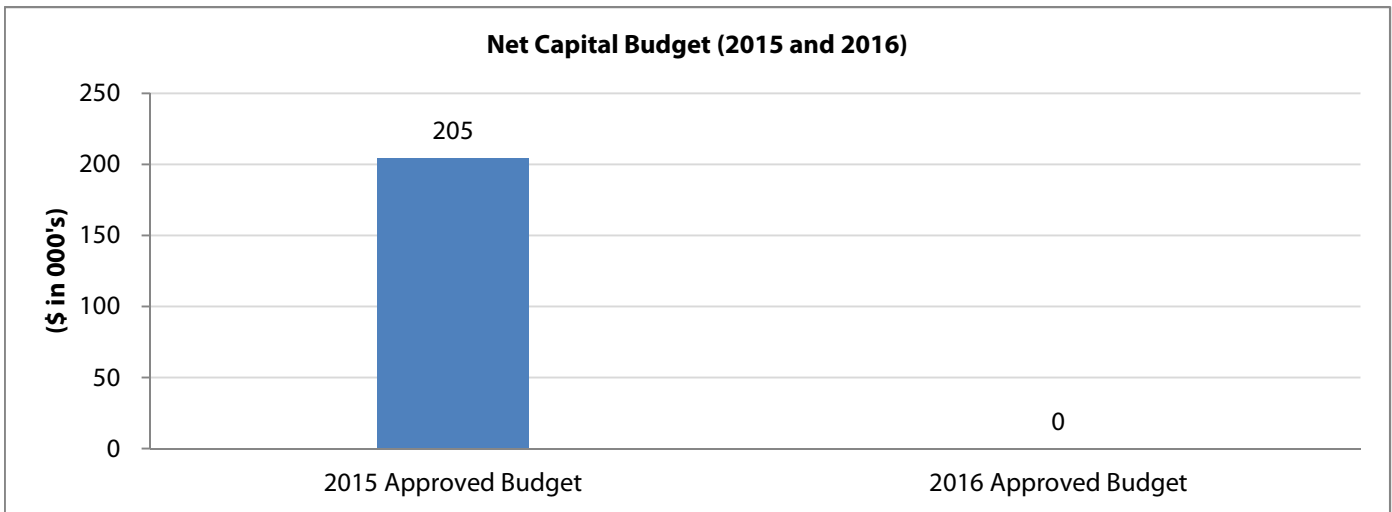
2016 Capital Budget

Department: Public Works

Division: Equipment and Administration

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	343,319	359,091	564,596	205,505	57%
Revenues	343,319	154,578	564,596	410,018	265%
Net	0	204,513	0	(204,513)	-100%



Asset Management Assessment

The overall condition grade for Administration, which includes buildings, vehicles, and machinery and equipment, as identified in the Town's 2015 Asset Management Plan is **C** (Fair), with a total replacement value of \$4.4 million.

It is important to note that the Asset Management Plan only looks at existing assets. The financial strategy (Appendix C) of the Town's 2015 Asset Management Plan outlines four levels of funding, with Level 0 being the lowest level of contribution and Level 3 being the highest. Level 1, which only contributes enough funding to offset amortization should represent the Town's minimum level of contribution.

In comparing the average annual requirement for funding Level 1 to the average annual funding available for the period of 2010 to 2014, it can be seen below that there is a funding surplus of \$39,221.

Average Annual Requirement	Tax	Reserve	Other	Total	Funding Surplus
214,995	42,448	166,844	44,924	254,216	39,221

Upgrades to existing assets and new assets have been separated in the following table to identify the expenditures related to existing assets that will contribute to the average annual requirement, and expenditures related to new assets, which will increase the average annual requirement in future years.



2016 Capital Budget

Department: Public Works

Division: Equipment and Administration

2016 Capital Budget - Summary

	New	Existing	Total
Expenses	61,534	503,062	564,596
Revenues	61,534	503,062	564,596
Net	0	0	0

The 2016 proposed capital budget for administration includes \$503,062 of expenditures related to existing infrastructure, with an annual requirement of \$215,000 to attain funding level 1. It should be noted that the average annual requirement is a benchmark to identify the 'average' amount that should be spent yearly to maintain funding Level 1, and actuals could vary from year to year.

The proposed expenditures on new capital assets will increase the average annual requirement by approximately \$2,461 per year (\$61,534/25 years) assuming an average estimated useful life of 25 years.

2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Half Ton Pickup	Replacement	PW-16-0001	35,000	35,000	0
Half Ton Pickup	Replacement	PW-16-0039	35,000	35,000	0
Cargo Trailer	New	PW-16-0003	9,500	9,500	0
Road Widener Box	New	PW-16-0004	45,000	45,000	0
Replace Furnace at Harrow Building	Replacement	PW-16-0012	7,000	7,000	0
Salt Shed Replacement	Replacement	PW-16-0022	300,000	300,000	0
Replacement of 3 Snow Plow Blades (carry forward from 2015 PW-15-0017)	Replacement	PW-16-0023	22,500	22,500	0
15-Ton Tandem Replacement (carry forward PW-15-0040)	Replacement	PW-16-0024	103,562	103,562	0
Road Inspection Software (carry forward PW-15-0033)	New	PW-16-0038	7,034	7,034	0
Total			564,596	564,596	0

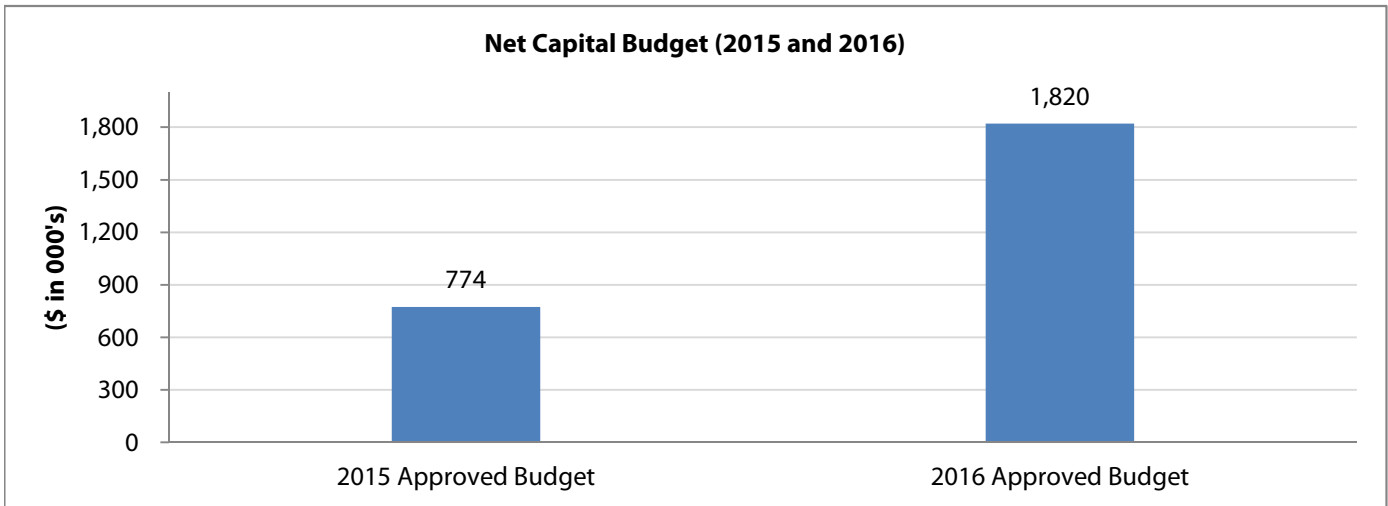


2016 Capital Budget

Department: Public Works
 Division: Roads and Roadside

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	3,056,479	3,846,182	4,188,255	342,073	9%
Revenues	3,056,479	3,071,896	2,368,131	(703,765)	-23%
Net	0	774,286	1,820,124	1,045,838	135%



Asset Management Assessment

The overall condition grade for roads and roadside infrastructure as identified in the Town's 2015 Asset Management Plan is **C** (Fair), with a total replacement value of \$66 million.

It is important to note that the Asset Management Plan only looks at existing assets. The financial strategy (Appendix C) of the Town's 2015 Asset Management Plan outlines four levels of funding, with Level 0 being the lowest level of contribution and Level 3 being the highest. Level 1, which only contributes enough funding to offset amortization should represent the Town's minimum level of contribution.

In comparing the average annual requirement for funding Level 1 to the average annual funding available for the period of 2010 to 2014, it can be seen below that there is a funding gap of \$419,007.

Average Annual Requirement	Tax	Reserve	Grant	Total	Funding Gap
2,669,144	773,690	1,038,977	437,470	2,250,137	(419,007)

Upgrades to existing assets and new assets have been separated on the following page to identify the expenditures related to existing assets that will contribute to the average annual requirement, and expenditures related to new assets, which will increase the average annual requirement in future years.



2016 Capital Budget

Department: Public Works

Division: Roads and Roadside

	New	Existing	Total
Expenses	1,048,815	3,139,440	4,188,255
Revenues	431,377	1,936,754	2,368,131
Net	617,438	1,202,686	1,820,124

The 2016 proposed capital budget for roads and roadside includes \$3.1 million of expenditures related to existing infrastructure, with an annual requirement of \$2.7 million to attain funding level 1. It should be noted that the average annual requirement is a benchmark to identify the 'average' amount that should be spent yearly to maintain funding Level 1, and actuals could vary from year to year.

The proposed expenditures on new capital assets will increase the average annual requirement by approximately \$41,953 per year (\$1,048,815/25 years) assuming an average estimated useful life of 25 years.

2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
County Wide Active Transportation System (Walnut Lane) Paved Shoulders (carry forward PW-15-0027)	New	PW-16-0034	42,090	0	42,090
Rural Streetlight Installation	New	PW-16-0005	20,000	20,000	0
Old Malden Road between 14th Concession and 12th Concession (Base Stone)	New	PW-16-0009	145,000	141,018	3,982
Sidewalks/Trails	New	PW-16-0011	350,000	85,172	264,828
14th Concession between County Road 11 and County Road 15 (Base Lift)	New	PW-16-0013	380,000	160,462	219,538
12th Concession between County Road 11 and North Malden Road (Maintenance)	Rehabilitation	PW-16-0014	115,000	115,000	0
Gesto Sideroad Phase 1, North Side	Rehabilitation	PW-16-0015	200,000	200,000	0
3rd Concession between the drain and Ferriss Road (Maintenance)	Rehabilitation	PW-16-0016	257,000	219,754	37,246
Aberdeen and Blue Water Court (Maintenance)	Rehabilitation	PW-16-0017	60,000	60,000	0
Irwin Avenue between Arthur Avenue and Gosfield Townline (Design)	Replacement	PW-16-0018	52,000	52,000	0
Erie Street between Clark and County Road 20	Replacement	PW-16-0019	1,169,000	1,169,000	0
Parkside Street Asphalt Resurfacing (carry forward PW-15-0008)	Rehabilitation	PW-16-0020	46,000	46,000	0
Given Road Rehabilitation of Corners (carry forward PW-15-0045)	Rehabilitation	PW-16-0026	75,000	75,000	0
Sidewalk from Lester Street (South side) to Talbot Street (carry forward PW-15-0041)	New	PW-16-0027	49,725	24,725	25,000
Dunn Road (carry forward)	Upgrade	PW-16-0035	450,000	0	450,000



2016 Capital Budget

Department: Public Works

Division: Roads and Roadside

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Fairview Avenue (carry forward)	Upgrade	PW-16-0036	100,000	0	100,000
Trail (County Road 50 to Harbour/Park)	New	PW-16-0040	62,000	0	62,000
3rd Concession to Drummond Road	Rehabilitation	PW-16-0041	415,440	0	415,440
Gesto Sideroad to South Malden Road	Rehabilitation	PW-16-0042	200,000	0	200,000
Total			4,188,255	2,368,131	1,820,124



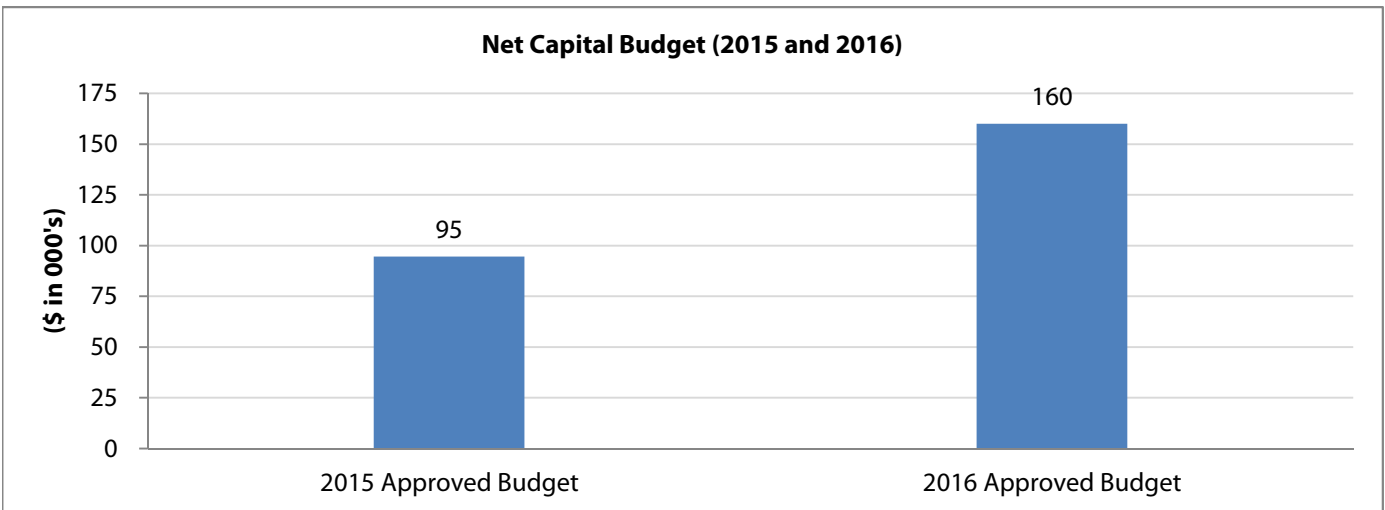
2016 Capital Budget

Department: Public Works

Division: Stormwater Management

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	976,670	870,703	1,362,203	491,500	56%
Revenues	976,670	776,053	1,202,203	426,150	55%
Net	0	94,650	160,000	65,350	69%



Asset Management Assessment

The Town's 2015 Asset Management Plan has, bridges and culverts, and stormwater separated. The overall condition grade for bridges and culvert infrastructure as identified in the Town's 2015 Asset Management Plan is **B** (Good), with a total replacement value of \$33 million. The overall condition grade for stormwater is **C** (Fair), with a total replacement value of \$37 million.

It is important to note that the Asset Management Plan only looks at existing assets. The financial strategy (Appendix C) of the Town's 2015 Asset Management Plan outlines four levels of funding, with Level 0 being the lowest level of contribution and Level 3 being the highest. Level 1, which only contributes enough funding to offset amortization should represent the Town's minimum level of contribution.

In comparing the average annual requirement for funding Level 1 to the average annual funding available for the period of 2010 to 2014, it can be seen below that there is a funding gap of \$475,154.

Average Annual Requirement	Tax	Reserve	Other	Total	Funding Gap
1,125,049	40,436	609,459	0	649,895	(475,154)

Upgrades to existing assets and new assets have been separated on the following page to identify the expenditures related to existing assets that will contribute to the average annual requirement, and expenditures related to new assets, which will increase the average annual requirement in future years.



2016 Capital Budget

Department: Public Works

Division: Stormwater Management

	New	Existing	Total
Expenses	20,000	1,342,203	1,362,203
Revenues	10,000	1,192,203	1,202,203
Net	10,000	150,000	160,000

The 2016 proposed capital budget for stormwater management includes \$1.3 million of expenditures related to existing infrastructure, with an annual requirement of \$1.1 million to attain funding level 1. It should be noted that the average annual requirement is a benchmark to identify the 'average' amount that should be spent yearly to maintain funding Level 1, and actuals could vary from year to year.

The proposed expenditures on new capital assets will increase the average annual requirement by approximately \$800 per year (\$20,000/25 years) assuming an average estimated useful life of 25 years.

2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Engineering for Various Bridges and Culverts	Replacement	PW-16-0008	50,000	50,000	0
Storm Sewer on Erie Street between Clark and County Road 20	Upgrade	PW-16-0020	268,500	268,500	0
Storm Sewer on Irwin Avenue between Arthur Avenue and Gosfield Townline (Design)	Upgrade	PW-16-0021	17,000	17,000	0
Culvert 101501 at Brush and Malden Road (carry forward PW-15-0014)	Replacement	PW-16-0028	700,000	700,000	0
Bridge and Culvert Engineering (carry forward from 2015 PW-15-0021)	Rehabilitation	PW-16-0029	40,000	40,000	0
Repairs to Culvert 100000 (Entrance to Sewage Lagoon) (carry forward PW-15-0022)	Rehabilitation	PW-16-0030	150,000	0	150,000
William Cornwall Pump Drain (carry forward PW-15-0031)	Upgrade	PW-16-0032	16,703	16,703	0
Intensity Duration Frequency (IDF) Curves (carry forward PW-15-0034)	New	PW-16-0031	10,000	10,000	0
Bellcreft Beach Drainage (carry forward PW-15-0032)	Upgrade	PW-16-0033	100,000	100,000	0
Stormwater Management Guidelines for Essex Region	New	PW-16-0037	10,000	0	10,000
Total			1,362,203	1,202,203	160,000



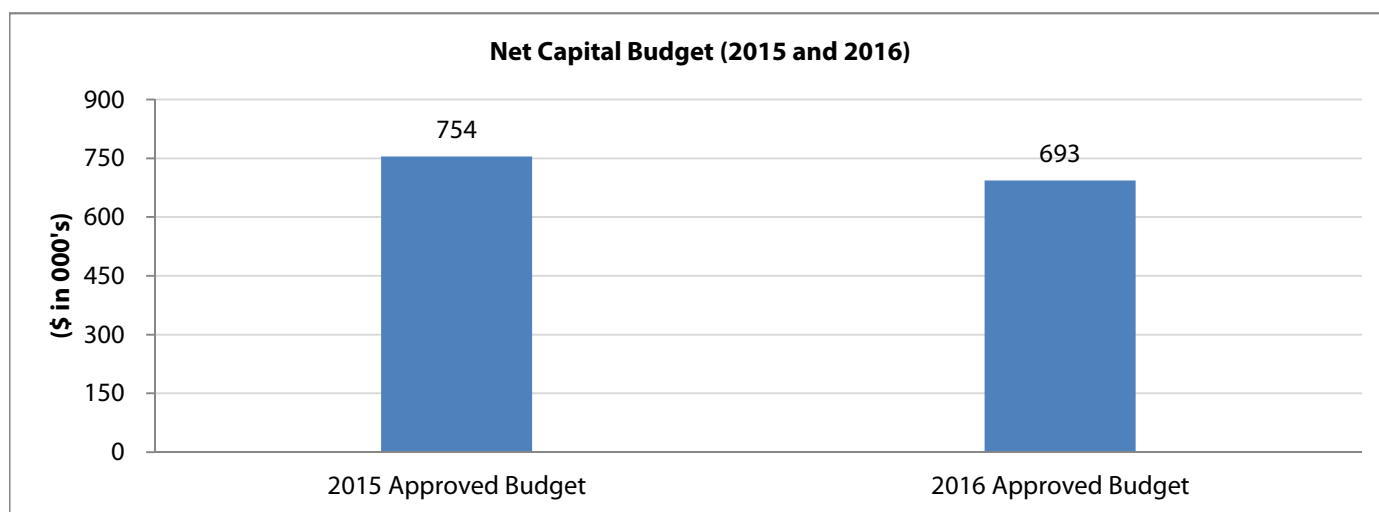
2016 Capital Budget

Department: Community Services

Division: Arenas, Community Centres, Harbour,
Miscellaneous Recreation, Parks, Sports Fields

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	881,714	2,222,468	1,407,785	(814,683)	-37%
Revenues	715,972	1,468,229	714,574	(753,655)	-51%
Net	165,742	754,239	693,211	(61,028)	-8%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
All Terrain Vehicle (Pre-owned)	Replacement	CS-16-0001	5,000	5,000	0
Replace Pickup Truck (Unit 808-00)	Replacement	CS-16-0004	35,000	35,000	0
Replace Pickup Truck (Unit 800-00)	Replacement	CS-16-0005	38,500	38,500	0
Replace sidewalk at McGregor Community Centre	Replacement	CS-16-0006	14,692	0	14,692
Ball Diamond Rehab (Annual)	Replacement	CS-16-0007	15,000	0	15,000
Acidwash Tile in Lap Pool, Viewing Gallery and Change Room at Essex Recreation Complex	Rehabilitation	CS-16-0008	6,750	3,375	3,375
Repairs to Leisure Pool Bottom	Rehabilitation	CS-16-0011	4,500	2,250	2,250
Foot Care Clinic at Harrow Colchester South Arena	Rehabilitation	CS-16-0015	20,000	20,000	0
Board Room Construction at Harrow Arena	Rehabilitation	CS-16-0018	20,000	0	20,000
Replace 2 Furnaces and Condensor Unit at Harrow Library	Replacement	CS-16-0026	25,440	0	25,440
Phase 2 of Boulevard Upgrades on Woodview Avenue	Upgrade	CS-16-0027	58,000	0	58,000



2016 Capital Budget

Department: Community Services

Division: Arenas, Community Centres, Harbour,
Miscellaneous Recreation, Parks, Sports Fields

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Upgrade Lightpoles at Sadler's Park to LED Soccer Field Upgrades	Upgrade	CS-16-0030	7,000	0	7,000
New Condensor at Train Station	Replacement	CS-16-0031	15,000	0	15,000
Move Pylon Sign at Memorial Arena	Rehabilitation	CS-16-0032	9,000	0	9,000
New Benches for McGregor Parkette	New	CS-16-0033	7,000	0	7,000
New 8' Trailer	New	CS-16-0034	6,500	0	6,500
Attachments for All-Terrain Vehicle	New	CS-16-0035	2,300	0	2,300
Planters for Heritage Gardens and Sadler's Park	New	CS-16-0036	14,000	0	14,000
Picnic Tables for Various Parks	Replacement	CS-16-0037	5,000	0	5,000
Park Signage	Upgrade	CS-16-0038	5,000	0	5,000
Fence at Colchester Park Play Centre	New	CS-16-0039	20,000	0	20,000
Covered Players' Benches at Harrow Diamond 2	New	CS-16-0042	30,000	0	30,000
Two Aluminum Spectators Benches for Harrow Diamond 2	New	CS-16-0043	13,000	0	13,000
Waterfront Access Upgrades	Upgrade	CS-16-0044	7,000	0	7,000
Upgrade Existing Power Towers	Upgrade	CS-16-0045	20,000	0	20,000
Building Renovations at Colchester Community Centre	Rehabilitation	CS-16-0046	10,000	0	10,000
Heritage Garden Development	Rehabilitation	CS-16-0049	75,000	75,000	0
Refurbish Streetlights in Essex Centre	Upgrade	CS-16-0050	45,000	0	45,000
Verticutter	Rehabilitation	CS-16-0053	25,000	0	25,000
Power Accessible Operating Door for Public Washroom at Harbour	New	CS-16-0054	14,654	0	14,654
Minnow Equipment at Harbour	New	CS-16-0055	9,000	0	9,000
Parks, Recreation and Culture Master Plan (carry forward CS-15-0062)	New	CS-16-0059	20,000	0	20,000
Harrow Centre Playground (carry forward CS-15-0035)	New	CS-16-0061	46,617	46,617	0
McGregor Parkette (carry forward CS-15-0043)	Replacement	CS-16-0062	200,000	200,000	0
Dog Park (carry forward CS-15-0054)	New	CS-16-0063	15,681	15,681	0
Colchester Peace Garden (carry forward CS-15-0055)	New	CS-16-0064	40,744	40,744	0
Signage Upgrades at 42nd Parallel (carry forward CS-15-0078)	New	CS-16-0065	69,975	19,975	50,000
Community Garden at Colchester Community Centre (carry forward CS-15-0075)	New	CS-16-0066	10,000	10,000	0
Gym A Storage Renovations (carry forward CS-15-0002)	New	CS-16-0067	5,000	5,000	0
	Rehabilitation	CS-16-0068	20,000	20,000	0



2016 Capital Budget

Department: Community Services

Division: Arenas, Community Centres, Harbour,
Miscellaneous Recreation, Parks, Sports Fields

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Divesture of Harbour(Study) (carry forward CS-15-0049)	New	CS-16-0069	110,000	110,000	0
Signage Upgrades at Harbour (carry forward CS-15-0065)	Upgrade	CS-16-0070	2,000	2,000	0
Beautification - McGregor Centre (carry forward CS-15-0077)	New	CS-16-0072	5,000	5,000	0
Beautification - Colchester Centre (carry forward CS-15-0076)	New	CS-16-0073	5,000	5,000	0
Beautification - Harrow Centre (carry forward CS-15-0069)	New	CS-16-0074	42,658	42,658	0
New Mural - Location to be determined (carry forward CS-15-0001)	New	CS-16-0075	12,774	12,774	0
Playground Replacement	Replacement	CS-16-0078	200,000	0	200,000
Miscellaneous Repairs at Train Station	Rehabilitation	CS-16-0079	20,000	0	20,000
Total			1,407,785	714,574	693,211



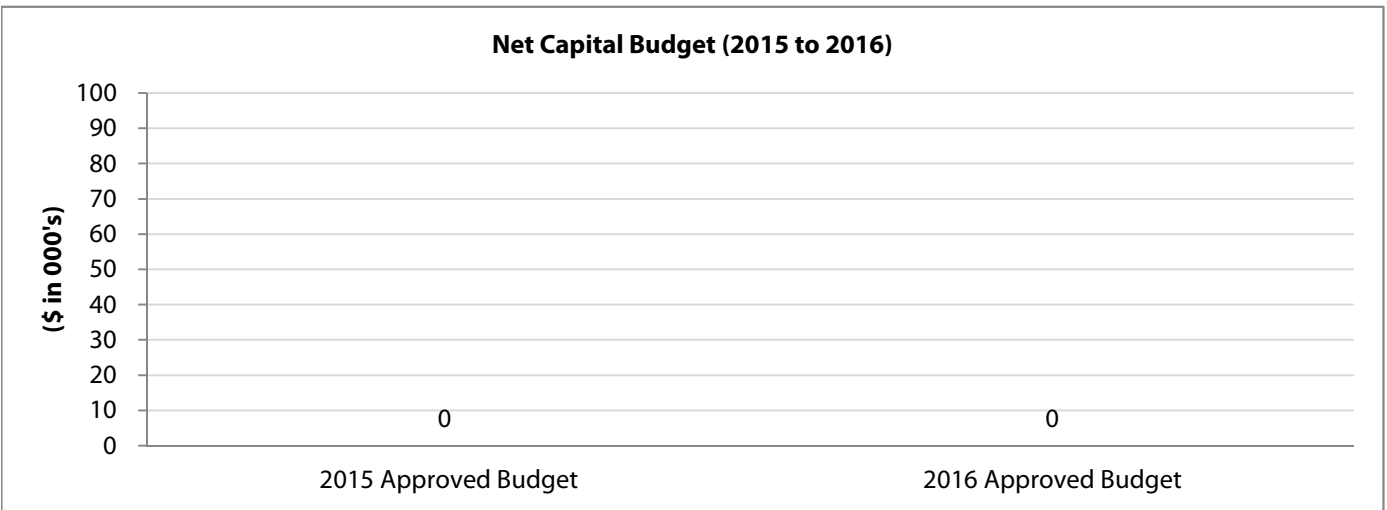
2016 Capital Budget

Department: Health Services

Division: Cemeteries

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	0	2,850	2,850	0	0%
Revenues	0	2,850	2,850	0	0%
Net	0	0	0	0	0%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Replacement of Fence at Hutchins Cemetery (carry forward HS-15-0001)	Replacement	HS-16-0001	2,850	2,850	0
Total			2,850	2,850	0



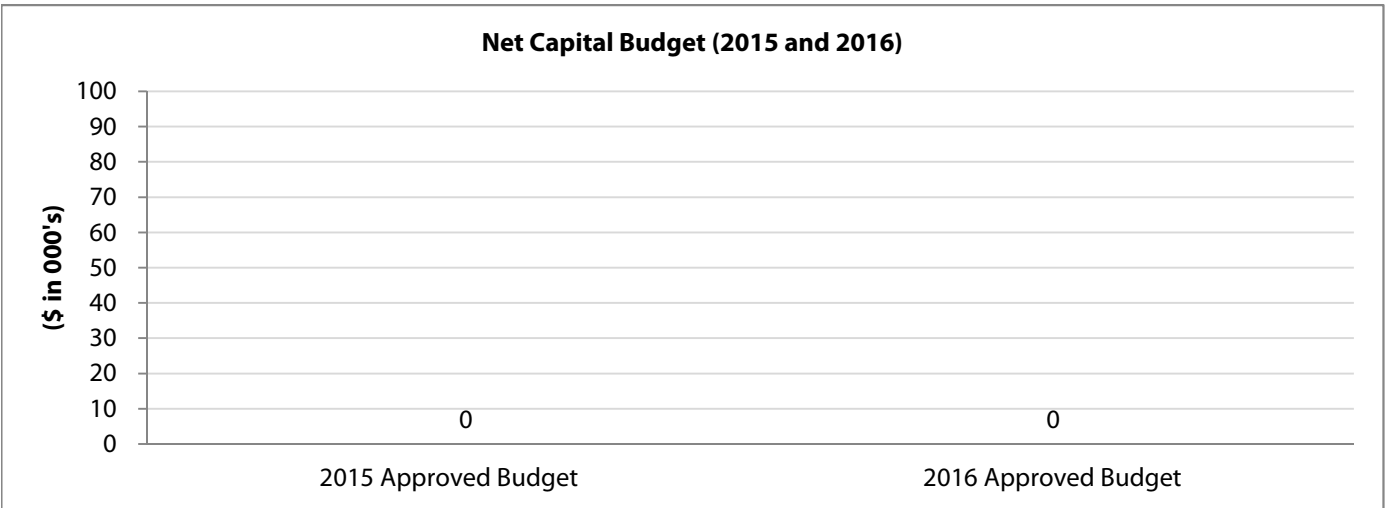
2016 Capital Budget

Department: Planning and Development

Division: Planning and Zoning

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	0	0	40,000	40,000	0%
Revenues	0	0	40,000	40,000	0%
Net	0	0	0	0	0%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Development Standards Manual Review	Upgrade	PZ-16-0001	30,000	30,000	0
Official Plan Review	Upgrade	PZ-16-0002	10,000	10,000	0
Total			40,000	40,000	0



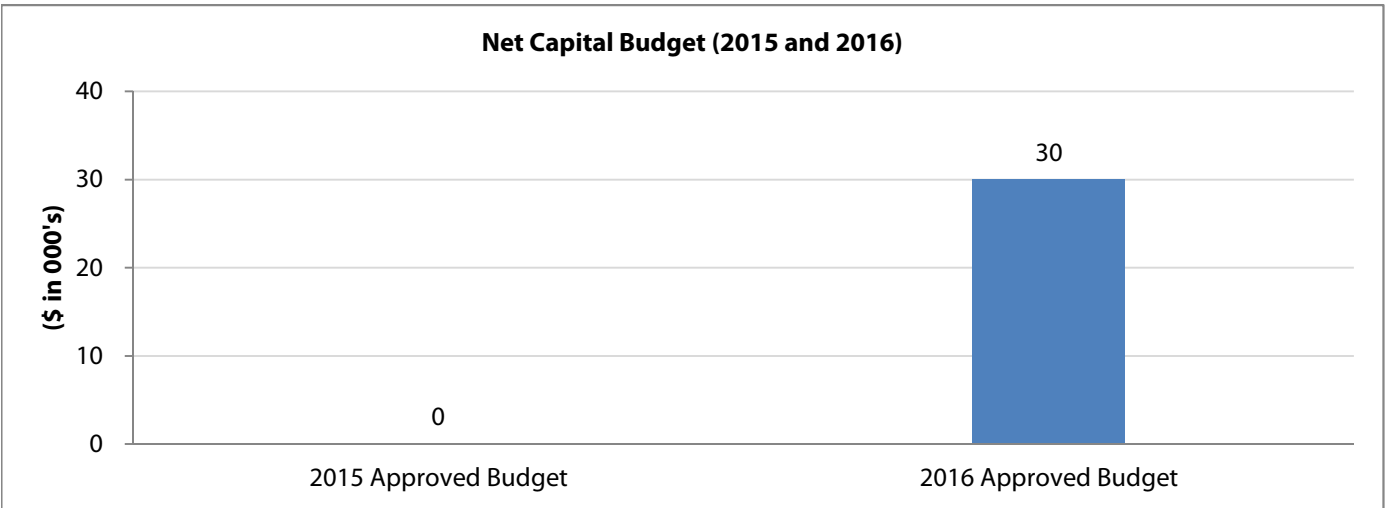
2016 Capital Budget

Department: Planning and Development

Division: Business Improvement Area

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	0	0	250,000	250,000	0%
Revenues	0	0	220,000	220,000	0%
Net	0	0	30,000	30,000	0%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Heritage Park Pavillion	New	BI-16-0001	250,000	220,000	30,000
Total			250,000	220,000	30,000



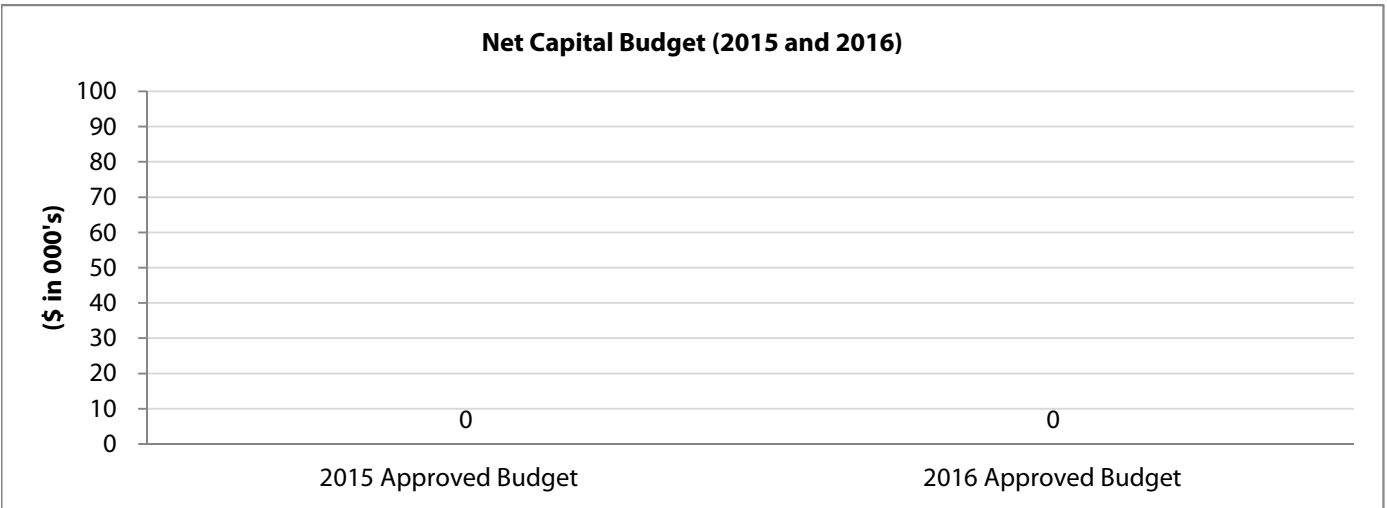
2016 Capital Budget

Department: Agriculture and Reforestation

Division: Drainage

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Approved Budget	Budget Change \$	Budget Change %
Expenses	0	28,493	0	(28,493)	-100%
Revenues	0	28,493	0	(28,493)	-100%
Net	0	0	0	0	0%



2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Total			0	0	0



User Rate Supported



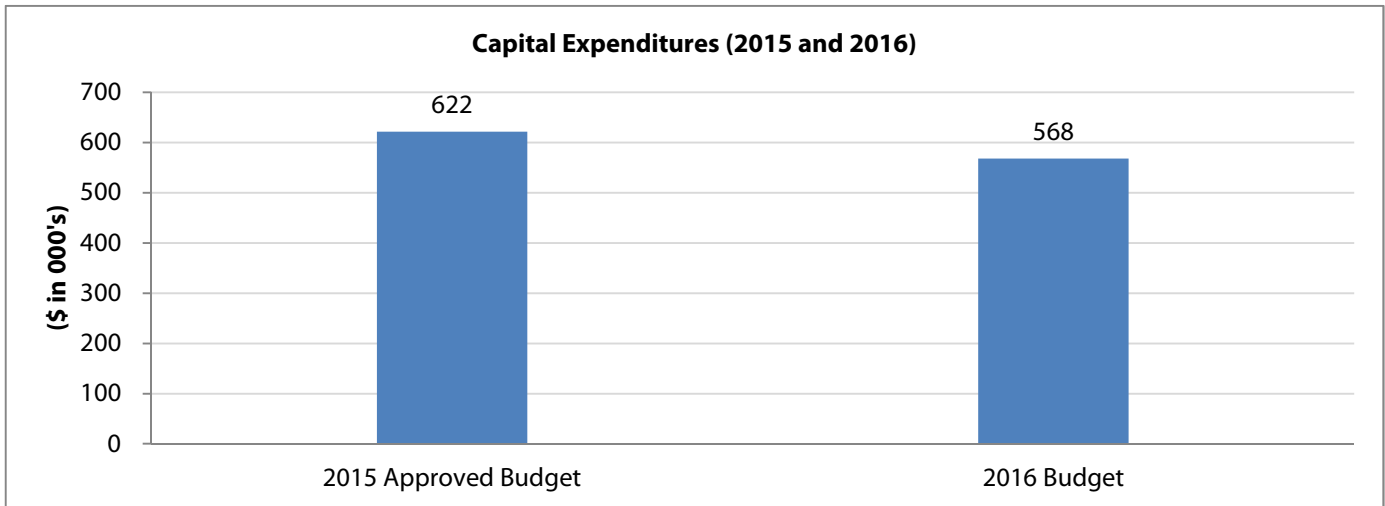
2016 Capital Budget

Department: Environmental Services

Division: Waterworks

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Budget	Budget Change \$	Budget Change %
Expenses	722,730	621,800	568,000	(53,800)	-9%
Revenues	722,730	621,800	568,000	(53,800)	-9%
Net	0	0	0	0	0%



Asset Management Assessment

The overall condition grade for water infrastructure as identified in the Town's 2015 Asset Management Plan is **B** (Good), with a total replacement value of \$104 million.

It is important to note that the Asset Management Plan only looks at existing assets. The financial strategy (Appendix C) of the Town's 2015 Asset Management Plan outlines four levels of funding, with Level 0 being the lowest level of contribution and Level 3 being the highest. Level 1, which only contributes enough funding to offset amortization should represent the Town's minimum level of contribution.

In comparing the average annual requirement for funding Level 1 to the average annual funding available for the period of 2010 to 2014, it can be seen below that there is a funding gap of \$196,877.

Average Annual Requirement	Reserves	Grant	Other	Total	Funding Gap
1,458,450	1,253,041	2,637	5,895	1,261,573	(196,877)

Upgrades to existing assets and new assets have been separated on the following page to identify the expenditures related to existing assets that will contribute to the average annual requirement, and expenditures related to new assets, which will increase the average annual requirement in future years.



2016 Capital Budget

Department: Environmental Services

Division: Waterworks

	New	Existing	Total
Expenses	270,000	298,000	568,000
Revenues	270,000	298,000	568,000
Net	0	0	0

The 2016 proposed capital budget for water infrastructure includes \$298,000 of expenditures related to existing infrastructure, with an annual requirement of \$1.5 million to attain funding level 1. It should be noted that the average annual requirement is a benchmark to identify the 'average' amount that should be spent yearly to maintain funding Level 1, and actuals could vary from year to year.

The proposed expenditures on new capital assets will increase the average annual requirement by approximately \$10,800 per year (\$270,000/25 years) assuming an average estimated useful life of 25 years.

2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Equipment Contingency for Wards 1 and 2 Distribution and Transmission (50%)	New	WW-16-0001	6,000	6,000	0
Equipment Contingency for Wards 3 and 4 Distribution and Transmission (50%)	New	WW-16-0002	6,000	6,000	0
Harrow Colchester South Water Treatment Plant Contingency for Wards 3 and 4	New	WW-16-0003	258,000	258,000	0
Irwin Avenue between Arthur Avenue and Gosfield Townline (Design)	Replacement	WW-16-0004	26,000	26,000	0
Erie Street between Clark and County Road 20	Replacement	WW-16-0005	262,500	262,500	0
Barrier Wall Culvert 100,000 (Entrance to Essex Sewge Lagoon, Water and Public Works Facility)	Rehabilitation	WW-16-0006	3,750	3,750	0
Barrier Wall Culvert 100,000 (Entrance to Essex Sewge Lagoon, Water and Public Works Facility)	Rehabilitation	WW-16-0007	1,000	1,000	0
Barrier Wall Culvert 100,000 (Entrance to Essex Sewge Lagoon, Water and Public Works Facility)	Rehabilitation	WW-16-0008	3,750	3,750	0
Barrier Wall Culvert 100,000 (Entrance to Essex Sewge Lagoon, Water and Public Works Facility)	Rehabilitation	WW-16-0009	1,000	1,000	0
Total			568,000	568,000	0



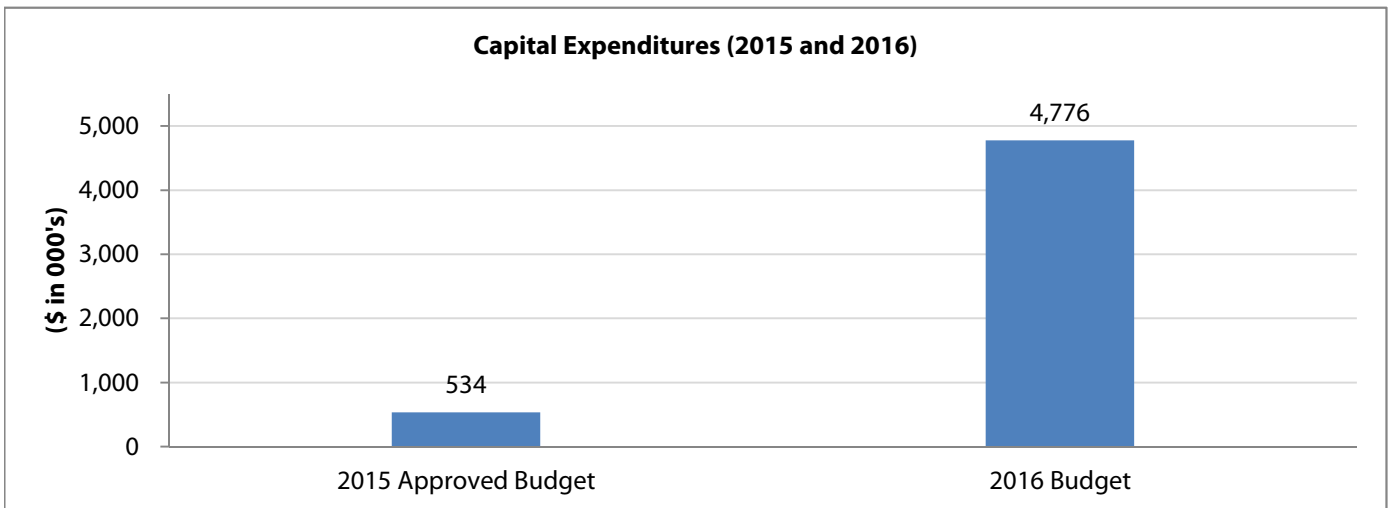
2016 Capital Budget

Department: Environmental Services

Division: Sanitary Sewer

2016 Capital Budget - Summary

Category	2014 Actual	2015 Approved Budget	2016 Budget	Budget Change \$	Budget Change %
Expenses	499,367	534,057	4,776,399	4,242,342	794%
Revenues	499,367	534,057	4,776,399	4,242,342	794%
Net	0	0	0	0	0%



Asset Management Assessment

The overall condition grade for sanitary sewer infrastructure as identified in the Town's 2015 Asset Management Plan is **B** (Good), with a total replacement value of \$86 million.

It is important to note that the Asset Management Plan only looks at existing assets. The financial strategy (Appendix C) of the Town's 2015 Asset Management Plan outlines four levels of funding, with Level 0 being the lowest level of contribution and Level 3 being the highest. Level 1, which only contributes enough funding to offset amortization should represent the Town's minimum level of contribution.

In comparing the average annual requirement for funding Level 1 to the average annual funding available for the period of 2010 to 2014, it can be seen below that there is a funding gap of \$671,570.

Average Annual Requirement	Reserve	Grant	Other	Total	Funding Gap
1,220,933	460,000	7,528	81,835	549,363	(671,570)

Upgrades to existing assets and new assets have been separated on the following page to identify the expenditures related to existing assets that will contribute to the average annual requirement, and expenditures related to new assets, which will increase the average annual requirement in future years.



2016 Capital Budget

Department: Environmental Services

Division: Sanitary Sewer

	New	Existing	Total
Expenses	428,500	4,347,899	4,776,399
Revenues	428,500	4,347,899	4,776,399
Net	0	0	0

The 2016 proposed capital budget for sanitary sewer infrastructure includes \$4.3 million of expenditures related to existing infrastructure, with an annual requirement of \$1.2 million to attain funding level 1. It should be noted that the average annual requirement is a benchmark to identify the 'average' amount that should be spent yearly to maintain funding Level 1, and actuals could vary from year to year.

The proposed expenditures on new capital assets will increase the average annual requirement by approximately \$17,140 per year (\$428,500/25 years) assuming an average estimated useful life of 25 years.

2016 Capital Budget - By Project

Project Name	Project Type	Project Number	Expense	Revenue	Net Expense
Treatment - Ward 1 Contingency	New	SS-16-0001	147,000	147,000	0
Treatment - Ward 3 Contingency	New	SS-16-0002	90,500	90,500	0
Treatment - Ward 4 Contingency	New	SS-16-0003	38,500	38,500	0
Collection and Conveyance - Ward 1 Contingency	New	SS-16-0004	22,000	22,000	0
Collection and Conveyance - Ward 3 Contingency	New	SS-16-0005	23,000	23,000	0
Collection and Conveyance - Ward 4 Contingency	New	SS-16-0006	17,500	17,500	0
Essex Centre Basement Flooding Reduction Strategy	Replacement	SS-16-0007	4,214,899	4,214,899	0
Repairs to Culvert 100,000 (Entrance to Sewage Lagoon) (carry forward SS-15-0014)	Rehabilitation	SS-16-0008	133,000	133,000	0
Sanitary Sewer Study Ward 4 Collection and Conveyance	New	SS-16-0009	45,000	45,000	0
Sanitary Sewer Study Ward 4 Treatment and Disposal	New	SS-16-0010	45,000	45,000	0
Total			4,776,399	4,776,399	0

