



2017 Recommended Budget

Consolidated Capital Budget

A decorative graphic at the bottom of the page. It features a bright yellow sun with concentric circles, rising over a series of blue and light blue wavy lines that represent water or a landscape. The sun is positioned in the center, and its rays extend downwards towards the text.

**Becoming Canada's
most livable community**

...focusing on priorities

2017 Recommended Budget

Consolidated capital budget

Introduction

The Capital Plan and recommended 2017 capital budget demonstrate prudence and financial leadership with reasonable expectations on future budgets. A financially strategic approach in alignment with community priorities will guide the County in accomplishing goals while reducing risk and controlling costs.

In 2017, the focus will be to continue supporting annual maintenance programs, catch up on open projects and hold spending while preparing to manage community growth node pressures. By planning carefully to capture strategic and financial opportunities, the capital budget positions the County well to ensure the organization is able to deliver on its promises. The budget reflects the challenges and opportunities of today's economic environment and what can be accomplished within the County's means to deliver capital projects that add true value to the community.

The value of capital

Capital assets, such as facilities, parks, vehicles, roads and water lines, are the backbone of every community. It is critical to rethink, revitalize and preserve our capital assets in order to meet community priorities, accommodate a vigorous and resilient economy, and continue to provide the essential services residents rely on each day for health, safety and enjoyment.

Building a responsible capital budget involves allocating resources to meet both today's needs and the requirements for long-term financial sustainability. A number of factors must be examined in terms of capital projects—the pressures of infrastructure maintenance, growth and new capital projects must be balanced against the impacts on future operating budgets, staff resources and available funding.

The true cost of capital

Capital investment recommended in the 2017 budget includes a number of design projects that will prepare the County to satisfy community priorities and provide quality of life for residents.

While these design projects come at a fairly low cost, initiating them may lead to significant financial implications for future budgets.

It is important to view capital investment in terms of these true costs in order to support sound decision making—choosing the most important projects based on priorities and funding—and create positive impacts for the future.

A strategic planning approach

A variety of processes, strategies and funding options have been employed to promote long-term financial sustainability and responsible spending in the 2017 Capital Budget:

- Deferring projects with lower quartile scores in alignment with Priority-Based Budgeting (PBB) principles.
- Utilizing grant funding sources strategically has allowed for the reallocation of funds.
- A thorough review of open projects has:
 - Determined the cash flows of open projects and defined reasonable goals in terms of which open capital projects can be realistically achieved in 2017.
 - Resulted in the planned release of \$23M to fund future capital needs.

Planning philosophy

The approach surrounding Strathcona County's capital planning has undergone a significant shift. The focus has changed from previous methods that centre on growth and construction, to methods that clearly examine present needs and capacity while exploring efficiencies in the context of priorities.

The philosophy has moved to:

Completing the appropriate steps, such as land purchase and utilities, prior to construction in order to help reduce capital budget amendments and issues with project delays.

Unbundling the stages of capital projects to create multiple decision points in the construction process and give the County greater flexibility.

The option to reconsider advancing on projects at the functional planning, schematic design or detailed design stages offers greater financial security.

Building strong partnerships with other municipalities and industry to establish mutually-beneficial funding options. For example, the Petroleum Way Pedestrian Trail will be funded through a \$1.5M contribution from Inter-Pipeline Ltd.

Consolidated capital budget

Focus for capital spending in 2017

Capital spending in 2017 will support the following programs and projects:



Asset management: annual programs

To ensure a sustainable future, the first capital consideration is the maintenance of existing assets. The recommended 2017 Capital Budget focuses largely on annual rehabilitation and replacement programs to follow responsible capital planning and eliminate an infrastructure deficit in the future. It is imperative to continue with the renewal cycles and annual maintenance based on periodic asset reviews to maintain service levels in the long term and protect the County's investments. The cost for annual programs is expected to be \$35M in 2017.

These programs have historically been supported each year by specific, dedicated reserves that have been built over time to provide secure, continuous funding. However, in 2017, the County will utilize grants for annual programs to meet grant specifications and provide a possible one-time redirection of those reserve funds to support up to \$17M of strategic priorities.



Meeting community demands: service capital

Multi-Purpose Agricultural Facility design (Quartile 2)

The importance of agriculture to the economic, cultural and social well-being of Strathcona County has been identified. A multi-purpose agricultural facility could enhance the profile and strength of agricultural lifestyle in the County. The cost for the project engineering/design, land purchase and servicing is expected to be \$7M over 2017 and 2018.



Petroleum Way Improvements Phase 1 and Trans Canada Trail (Quartile 2)

The completion of this multi-use trail network between Sherwood Park and the North Saskatchewan River valley in the City of Edmonton is an example of strong inter-municipal partnerships and positive relationships with industry. The cost for the project design and construction of phase 1 is expected to be \$4M in 2017.



Ordze Transit Centre Renovation (Quartile 1)

Strathcona County's new double-decker bus fleet provides essential and effective transit service to residents. Renovation at the Ordze Transit Centre will lower the platform to accommodate for the height of the buses. The cost for the renovation is expected to be \$1.5M in 2017.

Consolidated capital budget

Improving safety and service delivery:

radio system replacement – first responders (Quartile 2)



The organization's current radio system is outdated and will soon no longer be serviced. Replacing the corporate radio system will address this issue, enhance service delivery and allow the County to tie into the province-wide radio system, which improves the safety of first responders and all Albertans. The cost for the replacement is expected to be \$2.8M in 2017.

Accommodating growth: infrastructure expansion

Strathcona Public Services Yard (SPSY) modernization design (Quartiles 3 and 4)



As the community has experienced growth, county staff has also grown. The SPSY facility is currently over capacity. Modernization of the facility will alleviate this pressure. The cost for the modernization design is expected to be \$2M.

Roads (Quartile 1)



Road construction within Sherwood Park will manage development growth pressures and meet service levels. The cost for road construction is expected to be \$6M.

Serving the community

The Capital Plan and budget serve the community in five main ways:

- Planned maintenance and lifecycle repair
- One-time and emergent maintenance and repairs
- Rehabilitation and revitalization
- Planning and design of future assets
- The creation/ purchase / construction of new assets

Challenges identified include:

- Maintaining current infrastructure
- Bridging the long-term funding gap
- Balancing capital needs for today and the future

Consolidated capital budget

2017 capital budget

	Cost	Dept.
Buildings		
Annual Parking Lot Rehab Program	\$ 353,088	TAS
Annual Facility Capital Lifecycle	2,200,000	FAC
FAC - SPSY Modernization - Office Building Design (\$13.6M)	2,028,125	FAC
OSRFS - Moyer Recreation Centre Functional Design (\$5.0M)	110,000	RPC
OSRFS - Spray Park Functional Design (\$1.5M)	80,000	RPC
Strathcona Athletic Park Shop Expansion	500,000	RPC
Orzde Transit Centre Renovation	1,500,000	SCT
Multi-Use Agriculture Facility_D (\$31.0M)	7,000,000	TAS
	13,771,213	
Electronic Hardware/Software		
IT Infrastructure Replacement Program - Library	\$ 57,469	LIB
IT Infrastructure Replacement Program - Utilities	40,000	UT
IT Corporate Infrastructure Replacement Program - Municipal	630,445	ITS
	727,914	
Land Development		
CITP Sherwood Drive & Community Centre Sidewalks/Landscape (\$347K)	\$ 28,650	PDS
	28,650	
Machinery & Equipment		
Annual Golf Course Equipment Replacement Program	\$ 66,000	RPC
Annual Library Collection Replacement	603,314	LIB
Annual Recreation Equipment Replacement Program	195,000	RPC
Annual Equipment Replacement Program	105,000	SCES
Annual Water Meter / Radio Frequency Program	495,000	UT
Boiler Expansion at Centre in the Park (Community Energy Centre)	520,000	UT
Strathcona County Mitel VOIP Upgrade	136,830	FAC
ITS - Enhance Fibre: Granada	243,000	ITS
Emergency Communications Centre Equipment Replacement PSAP	53,000	SCES
Replacement of Radio System First Responders (Digital)	2,794,000	FAC
Floor Cleaning Machine	90,000	SCT
	5,301,144	
Program Parks & Open Space Development		
Annual Parks Infrastructure Lifecycle	\$ 990,000	RPC
Petroleum Way Improvements Ph1 and Trans Canada Trail_C	4,000,000	CPC
Annual OSRFS Outdoor Revitalization Program	925,000	RPC
	5,915,000	
Utilities		
Annual Hydrant / Valve Replacement	\$ 278,000	UT
UT Rural Water System Connections	200,000	UT
Annual Rollout Carts	90,800	UT
Infrastructure Renewal - Utilities Lifecycle Management	200,000	UT
Community Energy Connection Lot 4	600,000	UT
	1,368,800	
Annual Program Growth	Rehab / Replacement Developer Levy	Suggested Annual Value Added
C - Construction	D - Design	L - Land
U - Utilities	(\$) - Total Project Cost	

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Consolidated capital budget

2017 capital budget (continued)

Roadway Infrastructure

Annual Programs

Annual Rural Road Rehab Program	\$	7,453,892	TAS
Annual Bridge Replacement Project		1,700,000	TAS
Annual Residential Rehab Program		5,025,407	TAS
Annual Arterial Road Rehab Program		3,957,858	TAS
Annual Asphalt Trail Rehab Program		250,000	TAS
Annual Traffic & Pedestrian Safety Improvements		644,707	TAS
Annual Traffic Signal / Intersection Replacements		908,378	TAS
Annual Sidewalk Missing Links Program		800,000	TAS

Ardrossan

Bridge Structure on Main St South DLU (\$1.7M)		230,000	CPC
Lindale Park and Highway 824 Intersection Upgrades		460,000	CPC

Heartland

Hwy 15 and Range Rd 212 Intersection Upgrades_C		1,400,000	CPC
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Rural

Class I Grid Road Improvement D (\$11.0M)		600,000	CPC
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Sherwood Park

17 St, 105 Ave to Sherwood Park Freeway_D (\$17.5M)		1,339,000	CPC
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Wye Road

Wye Rd, Brentwood and Nottingham Intersection Improvements C		4,740,000	CPC
		29,509,242	

Vehicles

Fleet Transit Replacements	\$	3,525,003	FLT
Annual Vehicle & Equipment Fleet Replacements		4,385,550	FLT
Annual Utilities Fleet Addition & Replacement Program		708,690	UT
Vehicle for Community Halls Maintenance Operations		59,500	FAC
Fleet Addition - Utility Vehicle		30,000	RPC
Fleet Addition - Garbage Truck		195,000	RPC
Fleet Addition - Aerator		15,000	RPC
Lease Buyout RT-403 Toyota Matrix		14,500	FAC
		8,933,243	

GRAND TOTAL

65,555,206

Annual Program **Rehab / Replacement** **Suggested Annual**
Growth **Developer Levy** **Value Added**

C - Construction

D - Design

L - Land

U - Utilities

(\$) - Total Project Cost

Consolidated capital budget

2017 capital funding

	Total Funding	Tax Levy	Reserve	Grants	Developer Levy	User Rates	Other
Buildings	13,771,213	-	2,113,122	11,548,091	-	-	110,000
Electronic Hardware / Software	727,914	-	727,914	-	-	-	-
Land Development	28,650	-	28,650	-	-	-	-
Machinery & Equipment	5,301,144	-	2,130,230	2,567,600	-	-	603,314
Program Parks & Open Space Development	5,915,000	-	925,000	3,295,000	-	-	1,695,000
Roadway Infrastructure	29,509,242	-	4,387,928	22,968,537	701,390	-	1,451,387
Utilities	1,368,800	-	1,113,800	-	-	-	255,000
Vehicles	8,933,243	-	5,760,740	3,172,503	-	-	-
GRAND TOTAL	65,555,206	-	17,187,384	43,551,731	701,390	-	4,114,701

Capital 5 year forecast

By Asset Type	Recommended	Capital Forecast				
	2017	2018	2019	2020	2021	Total
Buildings	\$ 13,771,213	\$ 58,438,176	\$ 20,742,480	\$ 33,260,361	\$ 28,334,145	\$ 154,546,375
Electronic Hardware/Software	727,914	1,272,290	1,701,780	872,133	1,175,306	5,749,423
Land Development	28,650	1,698,850	3,678,250	1,740,000	-	7,145,750
Machinery & Equipment	5,301,144	3,160,474	2,529,012	4,247,196	2,032,714	17,270,540
Program Parks & Open Space	5,915,000	1,680,000	1,780,000	1,740,000	3,070,000	14,185,000
Roadway Infrastructure	29,509,242	48,933,982	77,020,607	50,908,255	35,557,127	241,929,213
Utilities	1,368,800	958,600	13,463,500	468,400	473,300	16,732,600
Vehicles	8,933,243	11,014,376	9,754,696	9,325,257	9,001,597	48,029,169
Grand Total	\$ 65,555,206	\$ 127,156,748	\$ 130,670,325	\$ 102,561,602	\$ 79,644,189	\$ 505,588,070

By Asset Need	2017	2018	2019	2020	2021	Total
Annual Programs	\$ 35,372,801	\$ 34,439,529	\$ 36,091,992	\$ 36,366,595	\$ 39,050,517	\$ 181,321,434
Suggested Annual Programs	-	-	-	-	90,000	90,000
Rehab / Replacement	6,556,330	12,911,389	2,161,638	16,088,969	2,513,000	40,231,326
Growth	15,936,075	52,286,075	87,528,695	44,132,438	37,990,672	237,873,955
Developer Levy	-	2,362,655	-	-	-	2,362,655
Value Added	7,690,000	25,157,100	4,888,000	5,973,600	-	43,708,700
Grand Total	\$ 65,555,206	\$ 127,156,748	\$ 130,670,325	\$ 102,561,602	\$ 79,644,189	\$ 505,588,070

Assumptions

The capital forecast identifies potential projects in the five year window
 All funding sources have been projected in the five year window and result in a funding gap
 The 2017 Priority Based Budgeting process will be used to prioritize the forecast and develop a funded plan

2017 Capital Plan by Asset Category

Cash Flowed as at October 25, 2016

	2017	2018	2019	2020	2021	2022+	Total
Buildings	7,573,088	5,770,000	212,500	215,625	-	-	13,771,213
Electronic Hardware/Software	727,914	-	-	-	-	-	727,914
Land Development	28,650	-	-	-	-	-	28,650
Machinery & Equipment	5,301,144	-	-	-	-	-	5,301,144
Program Parks & Open Space Development	5,915,000	-	-	-	-	-	5,915,000
Roadway Infrastructure	29,250,242	259,000	-	-	-	-	29,509,242
Utilities	1,368,800	-	-	-	-	-	1,368,800
Vehicles	4,362,243	4,571,000	-	-	-	-	8,933,243
GRAND TOTAL	54,527,081	10,600,000	212,500	215,625	-	-	65,555,206

2017 Capital Plan by Asset Category - Summary

Cash Flowed as at October 25, 2016

	2017	2018	2019	2020	2021	2022+	Total
Bldgs Buildings							
Bldgs - A Buildings Annual Program	1,683,088	870,000	-	-	-	-	2,553,088
Bldgs - G Buildings Growth	1,200,000	400,000	212,500	215,625	-	-	2,028,125
Bldgs - R Buildings Rehab/Replacement	2,190,000	-	-	-	-	-	2,190,000
Bldgs - V Buildings Value Added	2,500,000	4,500,000	-	-	-	-	7,000,000
Total: Bldgs Buildings	7,573,088	5,770,000	212,500	215,625	-	-	13,771,213
HwdSft Electronic Hardware/Software							
HwdSft - A Electronic Hardware/Software Annual Program	727,914	-	-	-	-	-	727,914
Total: HwdSft Electronic Hardware/Software	727,914	-	-	-	-	-	727,914
Land Land Development							
Land - G Land Development Growth	28,650	-	-	-	-	-	28,650
Total: Land Land Development	28,650	-	-	-	-	-	28,650
ME Machinery & Equipment							
ME - A Machinery & Equipment Annual Program	1,464,314	-	-	-	-	-	1,464,314
ME - G Machinery & Equipment Growth	520,000	-	-	-	-	-	520,000
ME - R Machinery & Equipment Rehab/Replacement	3,226,830	-	-	-	-	-	3,226,830
ME - R Machinery & Equipment Value Added	90,000	-	-	-	-	-	90,000
Total: ME Machinery & Equipment	5,301,144	-	-	-	-	-	5,301,144
POSD Program Parks & Open Space Development							
POSD - A Parks & Open Space Development Annual Program	990,000	-	-	-	-	-	990,000
POSD - G Parks & Open Space Development Growth	4,000,000	-	-	-	-	-	4,000,000
POSD - R Parks & Open Space Development Rehab/Replacement	925,000	-	-	-	-	-	925,000
Total: POSD Program Parks & Open Space Development	5,915,000	-	-	-	-	-	5,915,000

2017 Capital Plan by Asset Category - Summary

Cash Flowed as at October 25, 2016

	2017	2018	2019	2020	2021	2022+	Total
RI Roadway Infrastructure							
RI - A Roadway Infrastructure Annual Program	20,740,242	-	-	-	-	-	20,740,242
RI - G Roadway Infrastructure Growth	8,510,000	259,000	-	-	-	-	8,769,000
Total: RI Roadway Infrastructure	29,250,242	259,000	-	-	-	-	29,509,242
UI Utilities							
UI - A Utilities Infrastructure Annual Program	278,000	-	-	-	-	-	278,000
UI - G Utilities Infrastructure Growth	290,800	-	-	-	-	-	290,800
UI - R Utilities Infrastructure Rehab/Replacement	200,000	-	-	-	-	-	200,000
UT - V Utilities Infrastructure Value Added	600,000	-	-	-	-	-	600,000
Total: UI Utilities	1,368,800	-	-	-	-	-	1,368,800
Veh Vehicles							
Veh - A Vehicles Annual Program	4,048,243	4,571,000	-	-	-	-	8,619,243
Veh - G Vehicles Growth	299,500	-	-	-	-	-	299,500
Veh - R Vehicles Rehab/Replacement	14,500	-	-	-	-	-	14,500
Total: Veh Vehicles	4,362,243	4,571,000	-	-	-	-	8,933,243
GRAND TOTAL	54,527,081	10,600,000	212,500	215,625	-	-	65,555,206

2017 Capital Plan by Asset Category - Detail

Cash Flowed as at October 25, 2016

	Quartile	2017	2018	2019	2020	2021	2022+	Total
Bldgs Buildings								
Bldgs - A Buildings Annual Program								
AUTO - 683 - TAS Annual Parking Lot Rehab Program (2017)	n/a	353,088	-	-	-	-	-	353,088
AUTO - 771 - FAC - Annual Facility Capital Lifecycle (2017)	n/a	1,330,000	870,000	-	-	-	-	2,200,000
Total: Bldgs - A Buildings Annual Program		1,683,088	870,000	-	-	-	-	2,553,088
Bldgs - G Buildings Growth								
AUTO - 1660 - FAC - SPSY Modernization - Office Bldg Design (2017)	3	1,200,000	400,000	212,500	215,625	-	-	2,028,125
Total: Bldgs - G Buildings Growth		1,200,000	400,000	212,500	215,625	-	-	2,028,125
Bldgs - R Buildings Rehab/Replacement								
AUTO - 1211 - RPC- OSRFS - Moyer Recreation Centre Functional Design (2017) (\$5M)	2	110,000	-	-	-	-	-	110,000
AUTO - 1261 - RPC - OSRFS - Spray Park Functional Design (2017) (\$1.5M)	2	80,000	-	-	-	-	-	80,000
AUTO - 1480 - RPC - Strathcona Athletic Park Shop Expansion (2017)	2	500,000	-	-	-	-	-	500,000
AUTO - 1558 - SCT - OTC Renovation (2017)	1	1,500,000	-	-	-	-	-	1,500,000
Total: Bldgs - R Buildings Rehab/Replacement		2,190,000	-	-	-	-	-	2,190,000
Bldgs - V Buildings Value Added								
AUTO - 1517 - TAS - Multi-Use Agriculture Facility - DLU	2	2,500,000	4,500,000	-	-	-	-	7,000,000
Total: Bldgs - V Buildings Value Added		2,500,000	4,500,000	-	-	-	-	7,000,000
Total: Bldgs Buildings		7,573,088	5,770,000	212,500	215,625	-	-	13,771,213
HwdSft Electronic Hardware/Software								
HwdSft - A Electronic Hardware/Software Annual Program								
AUTO - 555 - LIB IT Infrastructure Replacement Program (2017)	n/a	57,469	-	-	-	-	-	57,469
AUTO - 779 - UT IT Infrastructure Replacement Program - Utilities (2017)	n/a	40,000	-	-	-	-	-	40,000
AUTO - 823 - ITS Corporate Infrastructure Replacement Program (2017)	n/a	630,445	-	-	-	-	-	630,445
Total: HwdSft - A Electronic Hardware/Software Annual Program		727,914	-	-	-	-	-	727,914
Total: HwdSft Electronic Hardware/Software		727,914	-	-	-	-	-	727,914

2017 Capital Plan by Asset Category - Detail

Cash Flowed as at October 25, 2016

	Quartile	2017	2018	2019	2020	2021	2022+	Total
Land Land Development								
Land - G Land Development Growth								
AUTO - 1256 - PDS CITP Sh Dr & Comm Cntr	1	28,650	-	-	-	-	-	28,650
Sidewalks/Landscape (Design)								
Total: Land - G Land Development Growth		28,650	-	-	-	-	-	28,650
Total: Land Land Development		28,650	-	-	-	-	-	28,650
ME Machinery & Equipment								
ME - A Machinery & Equipment Annual Program								
AUTO - 349 - BPGC - Annual Golf Course Equipment Replacement Program (2017)	n/a	66,000	-	-	-	-	-	66,000
AUTO - 670 - LIB Annual - Library Collection Replacement (2017)	n/a	603,314	-	-	-	-	-	603,314
AUTO - 699 - RPC - Annual Recreation Equipment Replacement Program (2017)	n/a	195,000	-	-	-	-	-	195,000
AUTO - 712 - SCES - Annual Equipment Replacement Program (2017)	n/a	105,000	-	-	-	-	-	105,000
AUTO - 778 - UT Annual Water Meter / Radio Frequency Program (2017)	n/a	495,000	-	-	-	-	-	495,000
Total: ME - A Machinery & Equipment Annual Program		1,464,314	-	-	-	-	-	1,464,314
ME - G Machinery & Equipment Growth								
AUTO - 1454 - UT Boiler Expansion at Centre in the Park (Community Energy Centre)	2	520,000	-	-	-	-	-	520,000
Total: ME - G Machinery & Equipment Growth		520,000	-	-	-	-	-	520,000
ME - R Machinery & Equipment Rehab/Replacement								
AUTO - 1632 - FAC - Strathcona County Mitel VOIP Upgrade (2017)	3	136,830	-	-	-	-	-	136,830
AUTO - 1633 - ITS - Enhance Fibre: Granada	2	243,000	-	-	-	-	-	243,000
AUTO - 1652 - SCES - Emergency Communications Centre Equipment Replacement (2017) PSAP	1	53,000	-	-	-	-	-	53,000
AUTO - 976 - FAC - Replacement of Radio System First Responders (Digital) (2017)	2	2,794,000	-	-	-	-	-	2,794,000
Total: ME - R Machinery & Equipment Rehab/Replacement		3,226,830	-	-	-	-	-	3,226,830
ME - R Machinery & Equipment Value Added								
AUTO - 1603 - SCT - Floor Cleaning Machine	4	90,000	-	-	-	-	-	90,000
Total: ME - R Machinery & Equipment Value Added		90,000	-	-	-	-	-	90,000
Total: ME Machinery & Equipment		5,301,144	-	-	-	-	-	5,301,144

2017 Capital Plan by Asset Category - Detail

Cash Flowed as at October 25, 2016

	Quartile	2017	2018	2019	2020	2021	2022+	Total
POSD Program Parks & Open Space Development								
POSD - A Parks & Open Space Development Annual Program								
AUTO - 697 - RPC - Annual Parks Infrastructure Lifecycle (2017)	n/a	990,000	-	-	-	-	-	990,000
Total: POSD - A Parks & Open Space Development Annual Program		990,000	-	-	-	-	-	990,000
POSD - G Parks & Open Space Development Growth								
00174 - CPC-SHP- Petroleum Way Improvements Ph1 and Trans Canada Trail C	2	4,000,000	-	-	-	-	-	4,000,000
Total: POSD - G Parks & Open Space Development Growth		4,000,000	-	-	-	-	-	4,000,000
POSD - R Parks & Open Space Development Rehab/Replacement								
AUTO - 710 - RPC - Annual - OSRFS Outdoor Revitalization Program (2017)	1	925,000	-	-	-	-	-	925,000
Total: POSD - R Parks & Open Space Development Rehab/Replacement		925,000	-	-	-	-	-	925,000
Total: POSD Program Parks & Open Space Development		5,915,000	-	-	-	-	-	5,915,000

2017 Capital Plan by Asset Category - Detail

Cash Flowed as at October 25, 2016

	Quartile	2017	2018	2019	2020	2021	2022+	Total
RI Roadway Infrastructure								
RI - A Roadway Infrastructure Annual Program								
AUTO - 677 - TAS Annual Rural Road Rehab Program (2017)	n/a	7,453,892	-	-	-	-	-	7,453,892
AUTO - 680 - TAS Annual Bridge Replacement Project (2017)	n/a	1,700,000	-	-	-	-	-	1,700,000
AUTO - 681 - TAS Annual Residential Rehab Program (2017)	n/a	5,025,407	-	-	-	-	-	5,025,407
AUTO - 685 - TAS Annual Arterial Road Rehab Program (2017)	n/a	3,957,858	-	-	-	-	-	3,957,858
AUTO - 686 - TAS Annual Asphalt Trail Rehab Program (2017)	n/a	250,000	-	-	-	-	-	250,000
AUTO - 687 - TAS Annual Traffic & Pedestrian Safety Improvements (2017)	n/a	644,707	-	-	-	-	-	644,707
AUTO - 689 - TAS Annual Traffic Signal / Intersection Replacements (2017)	n/a	908,378	-	-	-	-	-	908,378
AUTO - 961 - TAS Annual Sidewalk Missing Links Program (2017)	n/a	800,000	-	-	-	-	-	800,000
Total: RI - A Roadway Infrastructure Annual Program		20,740,242	-	-	-	-	-	20,740,242
RI - G Roadway Infrastructure Growth								
00195 - CPC-SHP- 17 St, 105 Ave to Sherwood Park Fwy_D	1	1,300,000	39,000	-	-	-	-	1,339,000
AUTO - 1150 - CPC-WYE- Wye Rd, Brentwood and Nottingham Intersection Improvements C	1	4,600,000	140,000	-	-	-	-	4,740,000
AUTO - 1421 - CPC-ARD- Bridge Structure on Main St South (incl. geotech) DLU	1	200,000	30,000	-	-	-	-	230,000
AUTO - 1562 - CPC-HLD- Hwy 15 and Rge Rd 212 Intersection Upgrades C	1	1,350,000	50,000	-	-	-	-	1,400,000
AUTO - 791 - CPC-RUR- Class I Grid Road Improvement_D	2	600,000	-	-	-	-	-	600,000
AUTO - 1663 - CPC-ARD- Lindale Park and Highway 824 Intersection Upgrades DUC	1	460,000	-	-	-	-	-	460,000
Total: RI - G Roadway Infrastructure Growth		8,510,000	259,000	-	-	-	-	8,769,000
Total: RI Roadway Infrastructure		29,250,242	259,000	-	-	-	-	29,509,242

2017 Capital Plan by Asset Category - Detail

Cash Flowed as at October 25, 2016

	Quartile	2017	2018	2019	2020	2021	2022+	Total
UI Utilities								
UI - A Utilities Infrastructure Annual Program								
AUTO - 775 - UT Annual Hydrant / Valve Replacement (2017)	n/a	278,000	-	-	-	-	-	278,000
Total: UI - A Utilities Infrastructure Annual Program		278,000	-	-	-	-	-	278,000
UI - G Utilities Infrastructure Growth								
AUTO - 1560 - UT Rural Water System Connections	2	200,000	-	-	-	-	-	200,000
AUTO - 750 - UT Annual Rollout Carts (2017)	2	90,800	-	-	-	-	-	90,800
Total: UI - G Utilities Infrastructure Growth		290,800	-	-	-	-	-	290,800
UI - R Utilities Infrastructure Rehab/Replacement								
AUTO - 1561 - UT - Infrastructure Renewal - Utilities Lifecycle Management	1	200,000	-	-	-	-	-	200,000
Total: UI - R Utilities Infrastructure Rehab/Replacement		200,000	-	-	-	-	-	200,000
UT - V Utilities Infrastructure Value Added								
AUTO - 1559 - UT Community Energy Connection Lot 4	1	600,000	-	-	-	-	-	600,000
Total: UT - V Utilities Infrastructure Value Added		600,000	-	-	-	-	-	600,000
Total: UI Utilities		1,368,800	-	-	-	-	-	1,368,800

2017 Capital Plan by Asset Category - Detail

Cash Flowed as at October 25, 2016

	Quartile	2017	2018	2019	2020	2021	2022+	Total
Veh Vehicles								
Veh - A Vehicles Annual Program								
AUTO - 1051 - FLT Transit Replacements (2017)	n/a	3	3,525,000	-	-	-	-	3,525,003
AUTO - 743 - FLT Annual V & E Fleet Replacements (2017)	n/a	3,339,550	1,046,000	-	-	-	-	4,385,550
AUTO - 777 - UT Annual Utilities Fleet Addition & Replacement Program (2017)	n/a	708,690	-	-	-	-	-	708,690
Total: Veh - A Vehicles Annual Program		4,048,243	4,571,000	-	-	-	-	8,619,243
Veh - G Vehicles Growth								
AUTO - 1601 - FAC - Vehicle for Community Halls Maint. Op. (2017) - INIT-8	n/a	59,500	-	-	-	-	-	59,500
AUTO - 1605 - RPC - Fleet Addition - Utility Vehicle (2017)	3	30,000	-	-	-	-	-	30,000
AUTO - 1607 - RPC - Fleet Addition - Garbage Truck (2017)	4	195,000	-	-	-	-	-	195,000
AUTO - 804 - RPC - Fleet Addition Aerator (2017)	4	15,000	-	-	-	-	-	15,000
Total: Veh - G Vehicles Growth		299,500	-	-	-	-	-	299,500
Veh - R Vehicles Rehab/Replacement								
AUTO - 1599 - FAC - Lease Buyout RT-403 Toyota Matrix (2017)	4	14,500	-	-	-	-	-	14,500
Total: Veh - R Vehicles Rehab/Replacement		14,500	-	-	-	-	-	14,500
Total: Veh Vehicles		4,362,243	4,571,000	-	-	-	-	8,933,243
2017 Capital Plan - Cash Flowed		54,527,081	10,600,000	212,500	215,625	-	-	65,555,206

2017 Capital Funding - Consolidated

as at October 25, 2016

	Total Funding		Tax Levy	Reserve	Grants	Developer Levy	User Rates	Other
Buildings	13,771,213	-	-	2,113,122	11,548,091	-	-	110,000
Electronic Hardware / Software	727,914	-	-	727,914	-	-	-	-
Land Development	28,650	-	-	28,650	-	-	-	-
Machinery & Equipment	5,301,144	-	-	2,130,230	2,567,600	-	-	603,314
Program Parks & Open Space Development	5,915,000	-	-	925,000	3,295,000	-	-	1,695,000
Roadway Infrastructure	29,509,242	-	-	4,387,928	22,968,537	701,390	-	1,451,387
Utilities	1,368,800	-	-	1,113,800	-	-	-	255,000
Vehicles	8,933,243	-	-	5,760,740	3,172,503	-	-	-
GRAND TOTAL	65,555,206	-	-	17,187,384	43,551,731	701,390	-	4,114,701

2017 Capital Funding - Consolidated

as at October 25, 2016

	Total Funding	Tax Levy	Reserve	Grants	Developer Levy	User Rates	Other
Tax Levy	-	-					
Committed Funds							
Municipal	8,934,631		8,934,631				
Utilities	2,877,490		2,877,490				
Uncommitted Funds							
Capital Projects Reserve - 1.3773.4266	5,375,263		5,375,263				
Corporate Grants							
MSI - Capital	34,755,673			34,755,673			
Gas Tax Fund	5,868,880			5,868,880			
Other	2,927,178			2,927,178			
Developer Levy	701,390				701,390		
User Rates	-					-	
Other	4,114,701						4,114,701
GRAND TOTAL	65,555,206	-	17,187,384	43,551,731	701,390	-	4,114,701

Total Debenture Financing	-	-	-	-	-	-
Total Reserve Financing	-	-	-	-	-	-

2017 Capital Funding Summary

as at October 25, 2016

Buildings

Bldgs - A Buildings Annual Program

AUTO - 683 - TAS Annual Parking Lot Rehab Program (2017) 353,088

AUTO - 771 - FAC - Annual Facility Capital Lifecycle (2017) 2,200,000

Total: Bldgs - A Buildings Annual Program

Bldgs - G Buildings Growth

AUTO - 1660 - FAC - SPSY Modernization - Office Bldg Design (2017) 2,028,125

Total: Bldgs - G Buildings Growth

Bldgs - R Buildings Rehab/Replacement

AUTO - 1211 - RPC- OSRFS - Moyer Recreation Centre Functional Design (2017) (\$5M) 110,000

AUTO - 1261 - RPC - OSRFS - Spray Park Functional Design (2017) (\$1.5M) 80,000

AUTO - 1480 - RPC - Strathcona Athletic Park Shop Expansion (2017) 500,000

AUTO - 1558 - SCT - OTC Renovation (2017) 1,500,000

Total: Bldgs - R Buildings Rehab/Replacement

Bldgs - V Buildings Value Added

AUTO - 1517 - TAS - Multi-Use Agriculture Facility - DLU 7,000,000

Total: Bldgs - V Buildings Value Added

Total: Buildings

Total	Tax Levy	Reserve	Grant	Dev. Levy	User Rates	Other	Comments
	-	35,309	317,779	-	-	-	1.3800.4263 - TAS Annual Parking Lot Rehab
	-	220,000	1,980,000	-	-	-	1.3430.130 - Gas Tax Fund 1.3800.2644 - Facility Lifecycle 1.3430.122 - MSI Capital
2,553,088	-	255,309	2,297,779	-	-	-	
	-	202,813	1,825,312	-	-	-	1.3773.4266 - Capital Projects Reserve 1.3430.122 - MSI Capital
2,028,125	-	202,813	1,825,312	-	-	-	
	-	-	-	-	-	110,000	1809 - Alberta Industrial Heartland Trust Society
	-	80,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
	-	500,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
	-	375,000	1,125,000	-	-	-	1.3773.4266 - Capital Projects Reserve 1800 - PTIF Grants (50% Feds, 25% Prov)
2,190,000	-	955,000	1,125,000	-	-	110,000	
	-	700,000	6,300,000	-	-	-	1.3773.4266 - Capital Projects Reserve 1.3430.122 - MSI Capital
7,000,000	-	700,000	6,300,000	-	-	-	
13,771,213	-	2,113,122	11,548,091	-	-	110,000	

2017 Capital Funding Summary

as at October 25, 2016

	Total	Tax Levy	Reserve	Grant	Dev. Levy	User Rates	Other	Comments
Electronic Hardware/Software								
HwdSft - A Electronic Hardware/Software Annual Program								
AUTO - 555 - LIB IT Infrastructure Replacement Program (2017)	57,469	-	57,469	-	-	-	-	1.4518 - SCL Equipment
AUTO - 779 - UT IT Infrastructure Replacement Program - Utilities (2017)	40,000	-	40,000	-	-	-	-	11.4440.5 - Future Water Capital
AUTO - 823 - ITS Corporate Infrastructure Replacement Program (2017)	630,445	-	630,445	-	-	-	-	1.3800.1615 - ITS Corporate Infrastructure
Total: HwdSft - A Electronic Hardware/Software Annual Program	727,914	-	727,914	-	-	-	-	
Total: Electronic Hardware/Software	727,914	-	727,914	-	-	-	-	
Land Development								
Land - G Land Development Growth								
AUTO - 1256 - PDS CTP Sh Dr & Comm Cntr Sidewalks/Landscape (Design)	28,650	-	28,650	-	-	-	-	1.3773.4266 - Capital Projects Reserve
Total: Land - G Land Development Growth	28,650	-	28,650	-	-	-	-	
Total: Land Development	28,650	-	28,650	-	-	-	-	
Machinery & Equipment								
ME - A Machinery & Equipment Annual Program								
AUTO - 349 - BPGC - Annual Golf Course Equipment Replacement Program (2017)	66,000	-	66,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
AUTO - 670 - LIB Annual - Library Collection Replacement (2017)	603,314	-	-	-	-	-	603,314	1791L - Contribution to Capital
AUTO - 699 - RPC - Annual Recreation Equipment Replacement Program (2017)	195,000	-	195,000	-	-	-	-	1.3800.7061 - RPC Rec Equipment Replacement
AUTO - 712 - SCES - Annual Equipment Replacement Program (2017)	105,000	-	105,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
AUTO - 778 - UT Annual Water Meter / Radio Frequency Program (2017)	495,000	-	495,000	-	-	-	-	11.4440.5 - Future Water Capital
Total: ME - A Machinery & Equipment Annual Program	1,464,314	-	861,000	-	-	-	603,314	
ME - G Machinery & Equipment Growth								
AUTO - 1454 - UT Boiler Expansion at Centre in the Park (Community Energy Centre)	520,000	-	520,000	-	-	-	-	11.4440.6 - Future Wastewater Capital
Total: ME - G Machinery & Equipment Growth	520,000	-	520,000	-	-	-	-	

2017 Capital Funding Summary

as at October 25, 2016

Total	Tax Levy	Reserve	Grant	Dev. Levy	User Rates	Other	Comments
ME - R Machinery & Equipment Rehab/Replacement							
AUTO - 1632 - FAC - Strathcona County Mitel VOIP Upgrade (2017)	-	136,830	-	-	-	-	1.3800.2623 - FAC Corporate Telephones
AUTO - 1633 - ITS - Enhance Fibre: Granada	-	243,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
AUTO - 1652 - SCES - Emergency Communications Centre Equipment Replacement (2017) PSAP	-	-	53,000	-	-	-	1.3430.1PA5 - PSAP 9-1-1 Grant Program
AUTO - 976 - FAC - Replacement of Radio System First Responders (Digital) (2017)	-	279,400	2,514,600	-	-	-	1.3773.4266 - Capital Projects Reserve
Total: ME - R Machinery & Equipment Rehab/Replacement	-	659,230	2,567,600	-	-	-	1.3430.122 - MSI Capital
ME - R Machinery & Equipment Value Added							
AUTO - 1603 - SCT - Floor Cleaning Machine	-	90,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
Total: ME - R Machinery & Equipment Rehab/Replacement	-	90,000	-	-	-	-	
Total: Machinery & Equipment	-	2,130,230	2,567,600	-	-	603,314	
Program Parks & Open Space Development							
POSD - A Parks & Open Space Development Annual Program							
AUTO - 697 - RPC - Annual Parks Infrastructure Lifecycle (2017)	-	-	795,000	-	-	195,000	1.3430.130 - Gas Tax Fund
Total: POSD - A Parks & Open Space Development Annual Program	-	-	795,000	-	-	195,000	1806 - Community Sponsorship - Playground Community Group
POSD - G Parks & Open Space Development Growth							
00174 - CPC-SHP- Petroleum Way Improvements Ph1 and Trans Canada Trail_C	-	-	2,500,000	-	-	1,500,000	1.3430.122 - MSI Capital
Total: POSD - G Parks & Open Space Development Growth	-	-	2,500,000	-	-	1,500,000	1807 - Industry Contribution - InterPipeline Ltd.
POSD - R Parks & Open Space Development Rehab/Replacement							
AUTO - 710 - RPC - Annual - OSRFS Outdoor Revitalization Program (2017)	-	925,000	-	-	-	-	1.3800.7060 - RPC Parks Mjr Maint Projects
Total: POSD - R Parks & Open Space Development Rehab/Replacement	-	925,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
Total: Program Parks & Open Space Development	-	925,000	3,295,000	-	-	1,695,000	

2017 Capital Funding Summary

as at October 25, 2016

Roadway Infrastructure

RI - A Roadway Infrastructure Annual Program

AUTO - 677 - TAS Annual Rural Road Rehab Program (2017)	7,453,892
AUTO - 680 - TAS Annual Bridge Replacement Project (2017)	1,700,000
AUTO - 681 - TAS Annual Residential Rehab Program (2017)	5,025,407
AUTO - 685 - TAS Annual Arterial Road Rehab Program (2017)	3,957,858
AUTO - 686 - TAS Annual Asphalt Trail Rehab Program (2017)	250,000
AUTO - 687 - TAS Annual Traffic & Pedestrian Safety Improvements (2017)	644,707
AUTO - 689 - TAS Annual Traffic Signal / Intersection Replacements (2017)	908,378
AUTO - 961 - TAS Annual Sidewalk Missing Links Program (2017)	800,000
Total: RI - A Roadway Infrastructure Annual Program	20,740,242

RI - G Roadway Infrastructure Growth

00195 - CPC-SHP- 17 St, 105 Ave to Sherwood Park Fwy D	1,339,000
AUTO - 1150 - CPC-WYE- Wye Rd, Brentwood and Nottingham Intersection Improvements_C	4,740,000
AUTO - 1421 - CPC-ARD- Bridge Structure on Main St South (incl. geotech) DLU	230,000
AUTO - 1562 - CPC-HLD- Hwy 15 and Rge Rd 212 Intersection Upgrades_C	1,400,000
AUTO - 791 - CPC-RUR- Class I Grid Road Improvement D	600,000
AUTO - 1663 - CPC-ARD- Lindale Park and Highway 824 Intersection Upgrades DUC	460,000
Total: RI - G Roadway Infrastructure Growth	8,769,000
Total: Roadway Infrastructure	29,509,242

Tax Levy	Reserve	Grant	Dev. Levy	User Rates	Other	Comments
-	745,389	6,708,503	-	-	-	1.3800.4268 - TAS Annual Rural Road
-	710,000	990,000	-	-	-	1.3430.122 - MSI Capital
-	502,541	4,522,866	-	-	-	1.3800.4267 - TAS Annual Bridge Rehab
-	395,789	3,562,069	-	-	-	1.3773.4266 - Capital Projects Reserve
-	25,000	225,000	-	-	-	1.3430.130 - Gas Tax Fund
-	64,471	580,236	-	-	-	1.3800.4261 - TAS Annual Res Rehab Program
-	90,838	817,540	-	-	-	1.3430.122 - MSI Capital
-	80,000	720,000	-	-	-	1.3800.4266 - TAS Urban Arterial Roads
-	2,614,028	18,126,214	-	-	-	1.3430.122 - MSI Capital
-	133,900	1,205,100	-	-	-	1.3800.4262 - TAS Annual Trail Rehab
-	-	3,637,223	701,390	-	401,387	1.3430.130 - Gas Tax Fund
-	230,000	-	-	-	-	1.3800.4269 - TAS Traffic & Safety / Pedestrian
-	350,000	-	-	-	1,050,000	1.3430.130 - Gas Tax Fund
-	600,000	-	-	-	-	1.3430.4264 - TAS Ann Traf Sign/Int Improv
-	460,000	-	-	-	-	1.3430.130 - Gas Tax Fund
-	1,773,900	4,842,323	701,390	-	1,451,387	1.3773.4266 - Capital Projects Reserve
-	4,387,928	22,968,537	701,390	-	1,451,387	1.3430.130 - Gas Tax Fund
-	133,900	1,205,100	-	-	-	1.3773.4266 - Capital Projects Reserve
-	-	3,637,223	701,390	-	401,387	1.3430.122 - MSI Capital
-	230,000	-	-	-	-	1.3430.122 - MSI Capital
-	350,000	-	-	-	1,050,000	1.4714 - South of Wye
-	600,000	-	-	-	-	1808 - Developer Contribution
-	460,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
-	1,773,900	4,842,323	701,390	-	1,451,387	1.3773.4266 - Capital Projects Reserve
-	4,387,928	22,968,537	701,390	-	1,451,387	2017-Init-1
-	133,900	1,205,100	-	-	-	1807 - Industry Contribution - Heartland CIAC 1.3431.992
-	-	3,637,223	701,390	-	401,387	1.3800.4268 - TAS Annual Rural Road
-	230,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
-	350,000	-	-	-	1,050,000	1.3773.4266 - Capital Projects Reserve
-	600,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
-	460,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
-	1,773,900	4,842,323	701,390	-	1,451,387	1.3773.4266 - Capital Projects Reserve
-	4,387,928	22,968,537	701,390	-	1,451,387	1.3773.4266 - Capital Projects Reserve

2017 Capital Funding Summary

as at October 25, 2016

Utilities

UI - A Utilities Infrastructure Annual Program

AUTO - 775 - UT Annual Hydrant / Valve Replacement (2017)

278,000

Total: UI - A Utilities Infrastructure Annual Program

278,000

UI - G Utilities Infrastructure Growth

AUTO - 1560 - UT Rural Water System Connections

200,000

AUTO - 750 - UT Annual Rollout Carts (2017)

90,800

Total: UI - G Utilities Infrastructure Growth

290,800

UI - R Utilities Infrastructure Rehab/Replacement

AUTO - 1561 - UT - Infrastructure Renewal - Utilities Lifecycle Management

200,000

Total: UI - R Utilities Infrastructure Rehab/Replacement

200,000

UT - V Utilities Infrastructure Value Added

AUTO - 1559 - UT Community Energy Connection Lot 4

600,000

Total: UT - V Utilities Infrastructure Value Added

600,000

Total: Utilities

1,368,800

Vehicles

Veh - A Vehicles Annual Program

AUTO - 1051 - FLT Transit Replacements (2017)

3,525,003

AUTO - 743 - FLT Annual V & E Fleet Replacements (2017)

4,385,550

AUTO - 777 - UT Annual Utilities Fleet Addition & Replacement Program (2017)

708,690

Total: Veh - A Vehicles Annual Program

8,619,243

Tax Levy	Reserve	Grant	Dev. Levy	User Rates	Other	Comments
-	278,000	-	-	-	-	11.4440.5 - Future Water Capital
-	278,000	-	-	-	-	
-	100,000	-	-	-	100,000	11.4440.5 - Future Water Capital 1809 - Other Revenues - Resident Contributions
-	90,800	-	-	-	-	11.4440.3 - Refuse Management Capital
-	190,800	-	-	-	100,000	
-	200,000	-	-	-	-	11.4440.5 - Future Water Capital 11.4440.6 - Future Wastewater Capital
-	200,000	-	-	-	-	
-	445,000	-	-	-	155,000	11.4440.6 - Future Wastewater Capital 1808 - Developer Contribution
-	445,000	-	-	-	155,000	
-	1,113,800	-	-	-	255,000	
-	352,500	3,172,503	-	-	-	- Green Trip - \$1,271,906 Small Communities Fund - \$477,272
-	4,385,550	-	-	-	-	- 1.3800.4134 - FLT Fleet Vehicle & Equipment
-	708,690	-	-	-	-	- 11.4440.5 - Future Water Capital 11.4440.6 - Future Wastewater Capital
-	5,446,740	3,172,503	-	-	-	

2017 Capital Funding Summary

as at October 25, 2016

Total	Tax Levy	Reserve	Grant	Dev. Levy	User Rates	Other	Comments
Veh - G Vehicles Growth							
AUTO - 1601 - FAC - Vehicle for Community Halls	-	59,500	-	-	-	-	1.3773.4266 - Capital Projects Reserve
Maint. Op. (2017) - INIT-8	-	30,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
AUTO - 1605 - RPC - Fleet Addition - Utility Vehicle (2017)	-	195,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
AUTO - 1607 - RPC - Fleet Addition - Garbage Truck (2017)	-	15,000	-	-	-	-	1.3773.4266 - Capital Projects Reserve
AUTO - 804 - RPC - Fleet Addition Aerator (2017)	-	299,500	-	-	-	-	1.3773.4266 - Capital Projects Reserve
Total: Veh - G Vehicles Growth	-	299,500	-	-	-	-	
Veh - R Vehicles Rehab/Replacement							
AUTO - 1599 - FAC - Lease Buyout RT-403 Toyota Matrix (2017)	-	14,500	-	-	-	-	1.3773.4266 - Capital Projects Reserve
Total: Veh - R Vehicles Rehab/Replacement	-	14,500	-	-	-	-	
Total: Vehicles	-	5,760,740	3,172,503	-	-	-	
GRAND TOTAL	-	17,187,384	43,551,731	701,390	-	4,114,701	

2017-2021 Capital Forecast - Leadsheet

Cash Flow as of October 25, 2016

	2017	2018	2019	2020	2021	2022+	Total
Buildings	7,573,088	44,290,058	31,930,877	32,166,707	27,205,645	11,380,000	154,546,375
Electronic Hardware/Software	727,914	1,272,290	1,701,780	872,133	1,175,306	-	5,749,423
Land Development	28,650	1,698,850	1,201,500	4,216,750	-	-	7,145,750
Machinery & Equipment	5,301,144	3,160,474	2,429,012	4,347,196	2,032,714	-	17,270,540
Program Parks & Open Space Development	5,915,000	1,680,000	1,780,000	1,740,000	3,070,000	-	14,185,000
Roadway Infrastructure	29,250,242	35,283,628	42,825,401	59,425,577	49,339,365	25,805,000	241,929,213
Utilities	1,368,800	958,600	13,463,500	468,400	473,300	-	16,732,600
Vehicles	4,362,243	11,065,126	11,488,276	8,847,471	8,307,184	3,958,869	48,029,169
Grand Total	54,527,081	99,409,026	106,820,346	112,084,234	91,603,514	41,143,869	505,588,070

2017-2021 Capital Forecast - Summary

Cash Flow as of October 25, 2016

	2017	2018	2019	2020	2021	2022+	Total
Buildings							
Buildings Annual Program	1,683,088	3,570,958	2,821,006	3,033,636	3,246,645	-	14,355,333
Buildings Growth	1,200,000	12,507,000	14,824,871	21,919,471	23,959,000	11,380,000	85,790,342
Buildings Rehab/Replacement	2,190,000	5,400,000	4,077,000	1,240,000	-	-	12,907,000
Buildings Value Added	2,500,000	22,812,100	10,208,000	5,973,600	-	-	41,493,700
Total Buildings	7,573,088	44,290,058	31,930,877	32,166,707	27,205,645	11,380,000	154,546,375
Electronic Hardware/Software							
Electronic Hardware/Software Annual Program	727,914	789,791	821,780	872,133	1,085,306	-	4,296,924
Electronic Hardware/Software Rehab/Replacement	-	252,499	600,000	-	-	-	852,499
Electronic Hardware/Software Suggested Annual Program	-	-	-	-	90,000	-	90,000
Electronic Hardware/Software Value Added	-	230,000	280,000	-	-	-	510,000
Total Electronic Hardware/Software	727,914	1,272,290	1,701,780	872,133	1,175,306	-	5,749,423
Land Development							
Land Development Growth	28,650	1,698,850	1,201,500	4,216,750	-	-	7,145,750
Total Land Development	28,650	1,698,850	1,201,500	4,216,750	-	-	7,145,750
Machinery & Equipment							
Machinery & Equipment Annual Program	1,464,314	1,385,684	1,494,374	1,693,694	1,549,714	-	7,587,780
Machinery & Equipment Growth	520,000	-	550,000	-	-	-	1,070,000
Machinery & Equipment Rehab/Replacement	3,226,830	1,609,790	284,638	2,553,502	483,000	-	8,157,760
Machinery & Equipment Value Added	90,000	165,000	100,000	100,000	-	-	455,000
Total Machinery & Equipment	5,301,144	3,160,474	2,429,012	4,347,196	2,032,714	-	17,270,540
Program Parks & Open Space Development							
Parks & Open Space Development Annual Program	990,000	630,000	880,000	630,000	2,070,000	-	5,200,000
Parks & Open Space Development Growth	4,000,000	150,000	-	110,000	-	-	4,260,000
Parks & Open Space Development Rehab/Replacement	925,000	900,000	900,000	1,000,000	1,000,000	-	4,725,000
Total Program Parks & Open Space Development	5,915,000	1,680,000	1,780,000	1,740,000	3,070,000	-	14,185,000

	2017	2018	2019	2020	2021	2022+	Total
Roadway Infrastructure							
Roadway Infrastructure Annual Program	20,740,242	22,285,671	23,205,757	24,043,132	24,661,127	-	114,935,929
Roadway Infrastructure Developer Levy	-	2,113,301	-	249,354	-	-	2,362,655
Roadway Infrastructure Growth	8,510,000	10,434,656	19,619,644	24,646,424	22,378,238	25,775,000	111,363,962
Roadway Infrastructure Rehab/Replacement	-	-	-	10,486,667	2,300,000	30,000	12,816,667
Roadway Infrastructure Value Added	-	450,000	-	-	-	-	450,000
	29,250,242	35,283,628	42,825,401	59,425,577	49,339,365	25,805,000	241,929,213
Utilities							
Utilities Infrastructure Annual Program	278,000	366,000	369,000	372,000	375,000	-	1,760,000
Utilities Infrastructure Growth	290,800	592,600	13,094,500	96,400	98,300	-	14,172,600
Utilities Infrastructure Rehab/Replacement	200,000	-	-	-	-	-	200,000
Roadway Infrastructure Value Added	600,000	-	-	-	-	-	600,000
Total Utilities	1,368,800	958,600	13,463,500	468,400	473,300	-	16,732,600
Vehicles							
Vehicles Annual Program	4,048,243	10,852,425	6,500,075	5,722,000	4,962,727	1,099,998	33,185,468
Vehicles Growth	299,500	163,601	4,788,201	2,866,671	3,094,457	2,858,871	14,071,301
Vehicles Rehab/Replacement	14,500	49,100	-	258,800	250,000	-	572,400
Vehicles Value Added	-	-	200,000	-	-	-	200,000
Total Vehicles	4,362,243	11,065,126	11,488,276	8,847,471	8,307,184	3,958,869	48,029,169
Grand Total	54,527,081	99,409,026	106,820,346	112,084,234	91,603,514	41,143,869	505,588,070

2017-2021 Capital Forecast - Detail

Cash Flow as of October 25, 2016

	2017	2018	2019	2020	2021	2022+	Total
Buildings							
Buildings Annual Program							
AUTO - 683 - TAS Annual Parking Lot Rehab Program (2017)	353,088	-	-	-	-	-	353,088
AUTO - 949 - TAS Annual Parking Lot Rehab Program (2018)	-	400,958	-	-	-	-	400,958
AUTO - 1102 - TAS Annual Parking Lot Rehab Program (2019)	-	-	421,006	-	-	-	421,006
AUTO - 1354 - TAS Annual Parking Lot Rehab Program (2020)	-	-	-	433,636	-	-	433,636
AUTO - 1383 - TAS Annual Parking Lot Rehab Program (2021)	-	-	-	-	446,645	-	446,645
AUTO - 771 - FAC - Annual Facility Capital Lifecycle (2017)	1,330,000	870,000	-	-	-	-	2,200,000
AUTO - 985 - FAC - Annual Facility Capital Lifecycle (2018)	-	2,300,000	-	-	-	-	2,300,000
AUTO - 1284 - FAC - Annual Facility Capital Lifecycle (2019)	-	-	2,400,000	-	-	-	2,400,000
AUTO - 1285 - FAC - Annual Facility Capital Lifecycle (2020)	-	-	-	2,600,000	-	-	2,600,000
AUTO - 1286 - FAC - Annual Facility Capital Lifecycle (2021)	-	-	-	-	2,800,000	-	2,800,000
Total Buildings Annual Program	1,683,088	3,570,958	2,821,006	3,033,636	3,246,645	-	14,355,333
Buildings Growth							
AUTO - 1660 - FAC - SPSY - Office Block Design (2017)	1,200,000	400,000	212,500	215,625	-	-	2,028,125
AUTO - 1534 - FAC - SPSY - Office Block - Construction (2019)	-	-	5,787,500	5,790,625	-	-	11,578,125
AUTO - 1320 - FAC - SPSY - Vehicle Wash Bays - Construct (2018)	-	2,551,250	1,692,500	-	-	-	4,243,750
AUTO - 1513 - FAC - SPSY - OH&S Training and Seasonal Locker/Change Room - Construct (2018)	-	2,131,250	1,412,500	-	-	-	3,543,750
AUTO - 1490 - FAC - SPSY - Mechanical and Welding Bay Conversion (2019)	-	-	212,500	-	-	-	212,500
AUTO - 1661 - FAC - SPSY Service Bay Expansion Design (2020)	-	-	-	255,625	61,250	61,250	378,125
AUTO - 1535 - FAC - SPSY - Shop Expansion - Construction (2021)	-	-	-	-	1,531,250	756,250	2,287,500
AUTO - 1485 - SCES - Emergency Services Station 7 - Design & Costing Phase	-	500,000	-	-	-	-	500,000
00112 - SCES - Emergency Services Station 7 - Construction	-	-	-	9,647,000	8,954,000	-	18,601,000
AUTO - 1515 - FAC - Transit Bus Barn - Design (2018)	-	2,562,500	562,500	312,500	312,500	562,500	4,312,500
AUTO - 1533 - FAC - Transit Bus Barn - Storage & Fueling/Wash Line - Construct (2021)	-	-	-	-	12,800,000	10,000,000	22,800,000
AUTO - 1516 - FAC - County Hall Phase 4 Renovations - Construction (2018)	-	4,362,000	4,363,118	-	-	-	8,725,118
AUTO - 1629 - FAC - RCMP and ES North Parking Lot Paving and Drainage (2019)	-	-	81,753	964,096	-	-	1,045,849
AUTO - 860 - TAS Agriculture Services Building - Bremner Site - Unbundle (2019)	-	-	500,000	-	-	-	500,000
AUTO - 1244 - SCES - Station 3 Replacement/ Relocation - Planning, study and acquisition of land	-	-	-	3,000,000	300,000	-	3,300,000
00303 - TAS Strathcona Aerodrome Terminal (2020)	-	-	-	515,000	-	-	515,000
00304 - TAS Strathcona Aerodrome Commercial Lot Construction (2020)	-	-	-	848,000	-	-	848,000
00305 - TAS Strathcona Airport Heli-pad (2020)	-	-	-	371,000	-	-	371,000
Total Buildings Growth	1,200,000	12,507,000	14,824,871	21,919,471	23,959,000	11,380,000	85,790,342

	2017	2018	2019	2020	2021	2022+	Total
Buildings Rehab/Replacement							
AUTO - 1261 - RPC OSRFS - Spray Park Functional Design (2017) (\$2M)	80,000	-	-	-	-	-	80,000
AUTO - 1262 - RPC OSRFS - Spray Park (2018)	-	1,500,000	-	-	-	-	1,500,000
AUTO - 1211 - RPC- OSRFS - Moyer Recreation Centre Functional	110,000	-	-	-	-	-	110,000
AUTO - 768 - RPC OSRFS - Moyer Recreation Centre Revitalization Construction Phase I (2018)	-	1,000,000	-	-	-	-	1,000,000
AUTO - 1480 - RPC - Strathcona Athletic Park Shop Expansion (2017)	500,000	-	-	-	-	-	500,000
AUTO - 1558 - SCT - OTC Renovation (2017)	1,500,000	-	-	-	-	-	1,500,000
AUTO - 1210 - RPC - OSRFS - Sherwood Park Arena Functional Design (2017) (\$18.8M)	-	-	277,000	-	-	-	277,000
AUTO - 1006 - RPC - OSRFS - Kinsmen Leisure Centre (2017)	-	2,500,000	3,700,000	1,000,000	-	-	7,200,000
AUTO - 1481 - RPC - Parks Compound Yard/Shop Expansion (2018)	-	400,000	-	-	-	-	400,000
AUTO - 1259 - RPC - OSRFS - Design Parks Maintenance Facilities (2019) (\$4M)	-	-	100,000	-	-	-	100,000
AUTO - 1209 - RPC - OSRFS - Festival Place Design (2020) (\$16.4M)	-	-	-	240,000	-	-	240,000
Total Buildings Rehab/Replacement	2,190,000	5,400,000	4,077,000	1,240,000	-	-	12,907,000
Buildings Value Added							
AUTO - 1517 - TAS - Multi-Use Agriculture Facility - DLU	2,500,000	4,500,000	-	-	-	-	7,000,000
AUTO - 1518 - TAS - Multi-Use Agriculture Facility - Construction	-	18,000,000	6,000,000	-	-	-	24,000,000
AUTO - 1125 - FAC - Corporate Training Room - Lower Level County Hall (2018)	-	312,100	-	-	-	-	312,100
AUTO - 1282 - SCES - Station 4 Training Ground Construction (Phase II)	-	-	4,208,000	-	-	-	4,208,000
00297 - TAS Bremner House Restoration	-	-	-	5,973,600	-	-	5,973,600
Total Buildings Value Added	2,500,000	22,812,100	10,208,000	5,973,600	-	-	41,493,700
Total Buildings	7,573,088	44,290,058	31,930,877	32,166,707	27,205,645	11,380,000	154,546,375

	2017	2018	2019	2020	2021	2022+	Total
Electronic Hardware/Software							
Electronic Hardware/Software Annual Program							
AUTO - 823 - ITS Corporate Infrastructure Replacement Program (2017)	630,445	-	-	-	-	-	630,445
AUTO - 1005 - ITS Corporate Infrastructure Replacement Program (2018)	-	701,132	-	-	-	-	701,132
AUTO - 1309 - ITS Corporate Infrastructure Replacement Program (2019)	-	-	715,532	-	-	-	715,532
AUTO - 1310 - ITS Corporate Infrastructure Replacement Program (2020)	-	-	-	715,898	-	-	715,898
AUTO - 1311 - IT Corporate Infrastructure Replacement Program (2021)	-	-	-	-	996,224	-	996,224
AUTO - 779 - UT IT Infrastructure Replacement Program - Utilities (2017)	40,000	-	-	-	-	-	40,000
AUTO - 982 - UT IT Infrastructure Replacement Program - Utilities (2018)	-	40,000	-	-	-	-	40,000
AUTO - 1225 - UT IT Infrastructure Replacement Program - Utilities (2019)	-	-	40,000	-	-	-	40,000
AUTO - 1460 - UT IT Infrastructure Replacement Program - Utilities (2020)	-	-	-	40,000	-	-	40,000
AUTO - 1552 - UT IT Infrastructure Replacement Program - Utilities (2021)	-	-	-	-	40,000	-	40,000
AUTO - 555 - LIB IT Infrastructure Replacement Program (2017)	57,469	-	-	-	-	-	57,469
AUTO - 994 - LIB IT Infrastructure Replacement Program (2018)	-	48,659	-	-	-	-	48,659
AUTO - 1109 - LIB IT Infrastructure Replacement Program (2019)	-	-	66,248	-	-	-	66,248
AUTO - 1366 - LIB IT Infrastructure Replacement Program (2020)	-	-	-	116,235	-	-	116,235
AUTO - 1367 - LIB IT Infrastructure Replacement Program (2021)	-	-	-	-	49,082	-	49,082
Total Electronic Hardware/Software Annual Program	727,914	789,791	821,780	872,133	1,085,306	-	4,296,924
Electronic Hardware/Software Rehab/Replacement							
00320 - ITS Enterprise GIS Technology Review(2018)	-	102,499	-	-	-	-	102,499
00321 - ITS Enterprise GIS Technology Upgrade (2019)	-	-	600,000	-	-	-	600,000
AUTO - 1544 - LIB Replace Library Automation Software (2018)	-	150,000	-	-	-	-	150,000
Total Electronic Hardware/Software Rehab/Replacement	-	252,499	600,000	-	-	-	852,499
Electronic Hardware/Software Suggested Annual Program							
AUTO - 1500 - SCES - Emergency Communications Centre Technology	-	-	-	-	90,000	-	90,000
Total Electronic Hardware/Software Suggested Annual Program	-	-	-	-	90,000	-	90,000
Electronic Hardware/Software Value Added							
AUTO - 1326 - ITS - Security Event Monitoring Software 2015-INIT-68 (Approved)	-	60,000	-	-	-	-	60,000
AUTO - 1521 - ITS - Enhance Existing Fibre to County Buildings - Ph2	-	170,000	-	-	-	-	170,000
AUTO - 1522 - ITS - Enhance Existing Fibre to County Buildings - Ph3	-	-	280,000	-	-	-	280,000
Total Electronic Hardware/Software Value Added	-	230,000	280,000	-	-	-	510,000
Total Electronic Hardware/Software	727,914	1,272,290	1,701,780	872,133	1,175,306	-	5,749,423

	2017	2018	2019	2020	2021	2022+	Total
Land Development							
Land Development Growth							
AUTO - 1256 - PDS CITP Sh Dr & Comm Cntr Sidewalks/Landscape (Design)	28,650	-	-	-	-	-	28,650
AUTO - 1275 - PDS CITP Sh Dr & Comm Cntr Sidewalks/Landscape (Construction)	-	318,250	-	-	-	-	318,250
AUTO - 1519 - PDS - CITP - Gateway/Identification/Sign (Design/Consult)	-	394,100	-	-	-	-	394,100
AUTO - 973 - PDS - CITP - Gateway/Identification/Sign (Construction)	-	-	1,201,500	2,476,750	-	-	3,678,250
AUTO - 1274 - PDS - CITP - Lot 4 (Festival Ave) Landscape Construction	-	441,500	-	-	-	-	441,500
AUTO - 1276 - PDS-CITP- Landscaping/Sidewalks - Festival Way and Sh Drive (adj to Lot 1)(Construction)	-	545,000	-	-	-	-	545,000
AUTO - 1257 - PDS CITP - Sidewalks/Landscape on E side of Sherwood Dr - across from CC/CH & Lot 1	-	-	-	1,740,000	-	-	1,740,000
Total Land Development Growth	28,650	1,698,850	1,201,500	4,216,750	-	-	7,145,750
Total Land Development	28,650	1,698,850	1,201,500	4,216,750	-	-	7,145,750

	2017	2018	2019	2020	2021	2022+	Total
Machinery & Equipment							
Machinery & Equipment Annual Program							
AUTO - 712 - SCES - Annual Equipment Replacement Program (2017)	105,000	-	-	-	-	-	105,000
AUTO - 969 - SCES - Annual Equipment Replacement Program (2018)	-	84,000	-	-	-	-	84,000
AUTO - 1243 - SCES - Annual Equipment Replacement Program (2019)	-	-	80,300	-	-	-	80,300
AUTO - 1246 - SCES - Annual Equipment Replacement Program (2020)	-	-	-	148,000	-	-	148,000
AUTO - 1247 - SCES - Annual Equipment Replacement Program (2021)	-	-	-	-	109,800	-	109,800
AUTO - 699 - RPC - Annual Recreation Equipment Replacement Program (2017)	195,000	-	-	-	-	-	195,000
AUTO - 965 - RPC - Annual Recreation Equipment Replacement Program (2018)	-	152,000	-	-	-	-	152,000
AUTO - 968 - RPC - Annual Recreation Equipment Replacement Program (2019)	-	-	147,000	-	-	-	147,000
AUTO - 1115 - RPC - Annual Recreation Equipment Replacement Program (2020)	-	-	-	290,000	-	-	290,000
AUTO - 1117 - RPC - Annual Recreation Equipment Replacement Program (2021)	-	-	-	-	220,000	-	220,000
AUTO - 349 - BPGC - Annual Golf Course Equipment Replacement Program (2017)	66,000	-	-	-	-	-	66,000
AUTO - 738 - BPGC - Annual Golf Course Equipment Replacement Program (2018)	-	46,370	-	-	-	-	46,370
AUTO - 1254 - BPGC - Annual Golf Course Equipment Replacement Program (2019)	-	-	158,760	-	-	-	158,760
AUTO - 1617 - BPGC - Annual Golf Course Equipment Replacement Program (2020)	-	-	-	142,380	-	-	142,380
AUTO - 1618 - BPGC - Annual Golf Course Equipment Replacement Program (2021)	-	-	-	-	96,600	-	96,600
AUTO - 670 - LIB Annual - Library Collection Replacement (2017)	603,314	-	-	-	-	-	603,314
AUTO - 993 - LIB Annual - Library Collection Replacement (2018)	-	603,314	-	-	-	-	603,314
AUTO - 1108 - LIB Annual - Library Collection Replacement (2019)	-	-	603,314	-	-	-	603,314
AUTO - 1361 - LIB Annual - Library Collection Replacement (2020)	-	-	-	603,314	-	-	603,314
AUTO - 1362 - LIB Annual - Library Collection Replacement (2021)	-	-	-	-	603,314	-	603,314
AUTO - 778 - UT Annual Water Meter / Radio Frequency Program (2017)	495,000	-	-	-	-	-	495,000
AUTO - 981 - UT Annual Water Meter / Radio Frequency Program (2018)	-	500,000	-	-	-	-	500,000
AUTO - 1224 - UT Annual Water Meter / Radio Frequency Program (2019)	-	-	505,000	-	-	-	505,000
AUTO - 1459 - UT Annual Water Meter / Radio Frequency Program (2020)	-	-	-	510,000	-	-	510,000
AUTO - 1551 - UT Annual Water Meter / Radio Frequency Program	-	-	-	-	520,000	-	520,000
Total Machinery & Equipment Annual Program	1,464,314	1,385,684	1,494,374	1,693,694	1,549,714	-	7,587,780

	2017	2018	2019	2020	2021	2022+	Total
Machinery & Equipment Growth							
AUTO - 1454 - UT Boiler Expansion at Centre in the Park (Community Energy Centre)	520,000	-	-	-	-	-	520,000
00278 - TAS V & E Additions & Upgrades (2019)	-	-	500,000	-	-	-	500,000
AUTO - 1205 - PDS - Air Quality Monitoring Station	-	-	50,000	-	-	-	50,000
Total Machinery & Equipment Growth	520,000	-	550,000	-	-	-	1,070,000
Machinery & Equipment Rehab/Replacement							
AUTO - 1633 - ITS - Enhance Fibre: Granada	243,000	-	-	-	-	-	243,000
AUTO - 1634 - ITS - Enhance Fibre - Festival Place	-	30,000	-	-	-	-	30,000
AUTO - 1635 - ITS - Enhance Fibre: SPSY, Transit, & MP	-	-	200,000	-	-	-	200,000
AUTO - 1632 - FAC - Strathcona County Mitel VOIP Upgrade (2017)	136,830	-	-	-	-	-	136,830
AUTO - 1652 - SCES - Emergency Communications Centre Equipment	53,000	-	-	-	-	-	53,000
AUTO - 976 - FAC - Replacement of Radio System First Responders (Digital) (2017)	2,794,000	-	-	-	-	-	2,794,000
AUTO - 1662 - FAC - Replacement of Radio System Secondary Users(Digital)	-	1,408,000	-	-	-	-	1,408,000
00012 - LIB Replace Radio Frequency Ident. (RFID) Equipment (2018)	-	31,836	-	-	-	-	31,836
AUTO - 1555 - LIB Replace Furniture - Upholstered (2018)	-	89,954	-	-	-	-	89,954
AUTO - 1647 - TAS Spraying Equipment Upgrade (2018)	-	50,000	-	-	-	-	50,000
AUTO - 1476 - FAC - Mail Room - Mail folder Inserter (2019)	-	-	50,000	-	-	-	50,000
AUTO - 826 - LIB Replace Radio Frequency Ident. (RFID) Equipment	-	-	34,638	-	-	-	34,638
AUTO - 1110 - LIB Replace Radio Frequency Ident. (RFID) Equipment	-	-	-	224,129	-	-	224,129
AUTO - 1306 - FAC - Telephone System Upgrade (2020)	-	-	-	1,298,918	-	-	1,298,918
AUTO - 1556 - LIB Replace Furniture - Chairs/Stools (2020)	-	-	-	1,030,455	-	-	1,030,455
00274 - SCES - Replace Monitors/Defibrillators	-	-	-	-	423,000	-	423,000
AUTO - 1653 - SCES Emergency Communications Equipment	-	-	-	-	60,000	-	60,000
Total Machinery & Equipment Rehab/Replacement	3,226,830	1,609,790	284,638	2,553,502	483,000	-	8,157,760
Machinery & Equipment Value Added							
AUTO - 1603 - SCT - Floor Cleaning Machine	90,000	-	-	-	-	-	90,000
AUTO - 1201 - RCMP & ES - Electronic Ticketing System	-	165,000	-	-	-	-	165,000
AUTO - 1495 - SCES - Secondary Emergency Communication Centre Technology & Equipment (PSAP)	-	-	100,000	100,000	-	-	200,000
Total Machinery & Equipment Value Added	90,000	165,000	100,000	100,000	-	-	455,000
Total Machinery & Equipment	5,301,144	3,160,474	2,429,012	4,347,196	2,032,714	-	17,270,540

	2017	2018	2019	2020	2021	2022+	Total
Program Parks & Open Space Development							
Parks & Open Space Development Annual Program							
AUTO - 697 - RPC - Annual Parks Infrastructure Lifecycle (2017)	990,000	-	-	-	-	-	990,000
AUTO - 964 - RPC - Annual Parks Infrastructure Lifecycle (2018)	-	630,000	-	-	-	-	630,000
AUTO - 1112 - RPC - Annual Parks Infrastructure Lifecycle (2019)	-	-	880,000	-	-	-	880,000
AUTO - 1118 - RPC - Annual Parks Infrastructure Lifecycle (2020)	-	-	-	630,000	-	-	630,000
AUTO - 1119 - RPC - Annual Parks Infrastructure Lifecycle (2021)	-	-	-	-	2,070,000	-	2,070,000
Total Parks & Open Space Development Annual Program	990,000	630,000	880,000	630,000	2,070,000	-	5,200,000
Parks & Open Space Development Growth							
00174 - CPC-SHP- Petroleum Way Improvements Ph 1 and Trans Canada Trail	4,000,000	-	-	-	-	-	4,000,000
AUTO - 1602 - RPC - OSRFS - Centennial Park Design (2018)	-	150,000	-	-	-	-	150,000
AUTO - 1610 - RPC - Strathcona Olympiette Center Design (2020)	-	-	-	110,000	-	-	110,000
Total Parks & Open Space Development Growth	4,000,000	150,000	-	110,000	-	-	4,260,000
Parks & Open Space Development Rehab/Replacement							
AUTO - 710 - RPC - Annual - OSRFS Outdoor Revitalization Program (2017)	925,000	-	-	-	-	-	925,000
AUTO - 970 - RPC - Annual - OSRFS Outdoor Revitalization Program (2018)	-	900,000	-	-	-	-	900,000
AUTO - 1268 - RPC - Annual - OSRFS Outdoor Revitalization (2019)	-	-	900,000	-	-	-	900,000
AUTO - 1269 - RPC - Annual - OSRFS outdoor Revitalization (2020)	-	-	-	1,000,000	-	-	1,000,000
AUTO - 1270 - RPC - Annual - OSRFS Outdoor Revitalization (2021)	-	-	-	-	1,000,000	-	1,000,000
Total Parks & Open Space Development Rehab/Replacement	925,000	900,000	900,000	1,000,000	1,000,000	-	4,725,000
Total Program Parks & Open Space Development	5,915,000	1,680,000	1,780,000	1,740,000	3,070,000	-	14,185,000

	2017	2018	2019	2020	2021	2022+	Total
Roadway Infrastructure							
Roadway Infrastructure Annual Program							
AUTO - 677 - TAS Annual Rural Road Rehab Program (2017)	7,453,892	-	-	-	-	-	7,453,892
AUTO - 939 - TAS Annual Rural Road Rehab Program (2018)	-	6,776,587	-	-	-	-	6,776,587
AUTO - 1090 - TAS Annual Rural Road Rehab Program (2019)	-	-	7,115,416	-	-	-	7,115,416
AUTO - 1344 - TAS Annual Rural Road Rehab Program (2020)	-	-	-	7,328,879	-	-	7,328,879
AUTO - 1393 - TAS Annual Rural Road Rehab Program (2021)	-	-	-	-	7,548,745	-	7,548,745
AUTO - 680 - TAS Annual Bridge Replacement Project (2017)	1,700,000	-	-	-	-	-	1,700,000
AUTO - 946 - TAS Annual Bridge Replacement Project (2018)	-	1,990,000	-	-	-	-	1,990,000
AUTO - 1096 - TAS Annual Bridge Replacement Project (2019)	-	-	1,950,000	-	-	-	1,950,000
AUTO - 1345 - TAS Annual Bridge Replacement Project (2020)	-	-	-	2,110,000	-	-	2,110,000
AUTO - 1409 - TAS Annual Bridge Replacement Project (2021)	-	-	-	-	2,070,000	-	2,070,000
AUTO - 681 - TAS Annual Residential Rehab Program (2017)	5,025,407	-	-	-	-	-	5,025,407
AUTO - 947 - TAS Annual Residential Rehab Program (2018)	-	5,540,511	-	-	-	-	5,540,511
AUTO - 1099 - TAS Annual Residential Rehab Program (2019)	-	-	5,817,537	-	-	-	5,817,537
AUTO - 1348 - TAS Annual Residential Rehab Program (2020)	-	-	-	5,992,063	-	-	5,992,063
AUTO - 1388 - TAS Annual Residential Rehab Program (2021)	-	-	-	-	6,171,825	-	6,171,825
AUTO - 685 - TAS Annual Arterial Road Rehab Program (2017)	3,957,858	-	-	-	-	-	3,957,858
AUTO - 950 - TAS Annual Arterial Road Rehab Program (2018)	-	5,137,733	-	-	-	-	5,137,733
AUTO - 1101 - TAS Annual Arterial Road Rehab Program (2019)	-	-	5,394,620	-	-	-	5,394,620
AUTO - 1353 - TAS Annual Arterial Road Rehab Program (2020)	-	-	-	5,556,458	-	-	5,556,458
AUTO - 1373 - TAS Annual Arterial Road Rehab Program (2021)	-	-	-	-	5,723,152	-	5,723,152
AUTO - 686 - TAS Annual Asphalt Trail Rehab Program (2017)	250,000	-	-	-	-	-	250,000
AUTO - 951 - TAS Annual Asphalt Trail Rehab Program (2018)	-	322,850	-	-	-	-	322,850
AUTO - 1100 - TAS Annual Asphalt Trail Rehab Program (2019)	-	-	300,447	-	-	-	300,447
AUTO - 1349 - TAS Annual Asphalt Trail Rehab Program (2020)	-	-	-	349,162	-	-	349,162
AUTO - 1378 - TAS Annual Asphalt Trail Rehab Program (2021)	-	-	-	-	359,637	-	359,637
AUTO - 687 - TAS Annual Traffic & Pedestrian Safety Improvements	644,707	-	-	-	-	-	644,707
AUTO - 952 - TAS Annual Traffic & Pedestrian Safety Improvements (2018)	-	670,495	-	-	-	-	670,495
AUTO - 1097 - TAS Annual Traffic & Pedestrian Safety Improvements (2019)	-	-	697,315	-	-	-	697,315
AUTO - 1346 - TAS Annual Traffic & Pedestrian Safety Improvements (2020)	-	-	-	718,235	-	-	718,235
AUTO - 1399 - TAS Annual Traffic & Pedestrian Safety Improvements (2021)	-	-	-	-	739,782	-	739,782
AUTO - 689 - TAS Annual Traffic Signal / Intersection Replacements (2017)	908,378	-	-	-	-	-	908,378
AUTO - 953 - TAS Annual Traffic Signal / Intersection Replacements (2018)	-	944,713	-	-	-	-	944,713
AUTO - 1098 - TAS Annual Traffic Signal / Intersection Replacements (2019)	-	-	982,501	-	-	-	982,501
AUTO - 1347 - TAS Annual Traffic Signal / Intersection Replacements (2020)	-	-	-	1,011,976	-	-	1,011,976

	2017	2018	2019	2020	2021	2022+	Total
AUTO - 1404 - TAS Annual Traffic Signal / Intersection Replacements (2021)	-	-	-	-	1,042,336	-	1,042,336
AUTO - 961 - TAS Annual Sidewalk Missing Links Program (2017)	800,000	-	-	-	-	-	800,000
AUTO - 962 - TAS Annual Sidewalk Missing Links Program (2018)	-	902,782	-	-	-	-	902,782
AUTO - 1103 - TAS Annual Sidewalk Missing Links Program (2019)	-	-	947,921	-	-	-	947,921
AUTO - 1355 - TAS Annual Sidewalk Missing Links Program (2020)	-	-	-	976,359	-	-	976,359
AUTO - 1414 - TAS Annual Sidewalk Missing Links Program (2021)	-	-	-	-	1,005,650	-	1,005,650
Total Roadway Infrastructure Annual Program	20,740,242	22,285,671	23,205,757	24,043,132	24,661,127	-	114,935,929
Roadway Infrastructure Developer Levy							
AUTO - 847 - CPC-NOY- Rge Rd 232, Aurum Access to Twp Rd 534_1B_CFL	-	2,113,301	-	249,354	-	-	2,362,655
Total Roadway Infrastructure Developer Levy	-	2,113,301	-	249,354	-	-	2,362,655
Roadway Infrastructure Growth							
Ardrossan							
AUTO - 1421 - CPC-ARD- Bridge Structure on Main St South (incl. geotech)_DLU	200,000	30,000	-	-	-	-	230,000
AUTO - 1132 - CPC-ARD- Bridge Structure on Main St South_C	-	-	-	1,450,000	40,000	-	1,490,000
AUTO - 1134 - CPC-ARD- Main St South, Second Ave to South of Arbour CI_CFL	-	-	-	1,428,456	-	40,000	1,468,456
AUTO - 1663 - CPC-ARD- Lindale Park and Highway 824 Intersection Upgrades_DUC	460,000						460,000
Heartland							
AUTO - 1562 - CPC-HLD- Hwy 15 and Rge Rd 212 Intersection Upgrades_C	1,350,000	50,000	-	-	-	-	1,400,000
AUTO - 1144 - CPC-HLD- Rge Rd 213, Twp Rd 554 to Twp Rd 560_2B_C	-	3,840,000	2,560,000	100,000	-	-	6,500,000
AUTO - 1423 - CPC-HLD- South East Heartland Access Roads_3a, 6_C	-	-	5,000,000	7,500,000	7,500,000	12,500,000	32,500,000
AUTO - 1139 - CPC-HLD- Rge Rd 214 and Twp Rd 554 intersection_2A-2_C	-	-	-	3,000,000	90,000	-	3,090,000
North of Yellowhead							
AUTO - 1035 - CPC-NOY- Twp Rd 534 and Hwy 21 Intersection_1B_C	-	-	2,500,000	-	-	-	2,500,000
AUTO - 1449 - CPC-NOY- H16N Service Rd, Rge Rd 231 to Liberty Rd_DLU	-	-	-	140,000	-	-	140,000
Wye Road (including Ash and South of Wye)							
AUTO - 1150 - CPC-WYE- Wye Rd, Brentwood and Nottingham	4,600,000	140,000	-	-	-	-	4,740,000
AUTO - 1163 - CPC-WYE- Ash St, Rge Rd 233 to Ordze Ave_CFL	-	-	4,612,075	-	140,000	-	4,752,075
AUTO - 1160 - CPC-WYE- Rge Rd 231, Wye Rd to Executive Estates Access_DLU	-	-	-	200,000	-	-	200,000
AUTO - 1164 - CPC-WYE- Sherwood Dr, Ash St to Wye Road_C	-	-	-	4,500,000	3,000,000	700,000	8,200,000
00125 - CPC-WYE- Rge Rd 233, Fountain Creek Wy to Hwy 628_DLU	-	-	-	-	1,500,000	-	1,500,000
Sherwood Drive (Including Fir)							
AUTO - 1021 - CPC-SHP- Sherwood Drive Roundabout_DLU	-	-	-	140,000	-	-	140,000
AUTO - 1154 - CPC-SHP- Sherwood Dr, Oak St to Main Blvd_FPS	-	-	-	-	300,000	-	300,000

	2017	2018	2019	2020	2021	2022+	Total
Sherwood Park							
00195 - CPC-SHP- 17 St, 105 Ave to Sherwood Park Fwy_D	1,300,000	39,000	-	-	-	-	1,339,000
AUTO - 1044 - CPC-SHP- Broadview Dr to Buckingham_CFL	-	1,995,656	60,000	-	-	-	2,055,656
AUTO - 1321 - CPC-SHP- Broadway Blvd and Broadview Dr	-	1,300,000	40,000	-	-	-	1,340,000
AUTO - 1650 - CPC-SHP- 17 St, 105 Ave to Sherwood Park Fwy_LU	-	2,200,000	1,300,000	-	-	-	3,500,000
AUTO - 1033 - CPC-SHP- Bethel Way, Bison Way to Lakeland Dr_C	-	-	2,223,924	-	77,238	-	2,301,162
00214 - SCT - Priority Corridor (Baseline Road) 2019	-	-	765,000	-	-	-	765,000
AUTO - 1023 - CPC-SHP- Baseline Rd and Broadmoor Blvd Intersection Improvements_FPS	-	-	-	350,000	-	-	350,000
AUTO - 1037 - CPC-SHP- Clover Bar Rd and Emerald Dr Intersection	-	-	-	-	4,500,000	135,000	4,635,000
AUTO - 1280 - CPC-SHP- 34 St, Sherwood Park Fwy to Baseline Rd_DLU	-	-	-	-	900,000	1,200,000	2,100,000
Rural Projects							
AUTO - 791 - CPC-RUR- Class I Grid Road Improvement_D	600,000	-	-	-	-	-	600,000
AUTO - 1651 - CPC_RUR - Class I Grid Road Improvement_LUC	-	840,000	-	5,000,000	3,000,000	1,600,000	10,440,000
AUTO - 792 - CPC-RUR- Class I Grid Road Improvement Project_DLUC	-	-	558,645	837,968	-	9,600,000	10,996,613
AUTO - 1157 - CPC-RUR- Twp Rd 522, Rge Rd 224 to Hwy 824_DLU	-	-	-	-	1,331,000	-	1,331,000
Total Roadway Infrastructure Growth	8,510,000	10,434,656	19,619,644	24,646,424	22,378,238	25,775,000	111,363,962
Roadway Infrastructure Rehab/Replacement							
AUTO - 1608 - RPC - River Valley Alliance Phase IV (2020)	-	-	-	10,486,667	1,300,000	-	11,786,667
AUTO - 874 - CPC-WYE- Sherwood Dr, Wye Rd to Village Dr & Fir St Intersection Improvements_C	-	-	-	-	1,000,000	30,000	1,030,000
Total Roadway Infrastructure Rehab/Replacement	-	-	-	10,486,667	2,300,000	30,000	12,816,667
Roadway Infrastructure Value Added							
AUTO - 824 - CPC-RUR- Development Expansion Area_FPS	-	450,000	-	-	-	-	450,000
Total Roadway Infrastructure Value Added	-	450,000	-	-	-	-	450,000
Total Roadway Infrastructure	29,250,242	35,283,628	42,825,401	59,425,577	49,339,365	25,805,000	241,929,213

	2017	2018	2019	2020	2021	2022+	Total
Utilities							
Utilities Infrastructure Annual Program							
AUTO - 775 - UT Annual Hydrant / Valve Replacement (2017)	278,000	-	-	-	-	-	278,000
AUTO - 978 - UT Annual Hydrant / Valve Replacement (2018)	-	281,000	-	-	-	-	281,000
AUTO - 1221 - UT Annual Hydrant / Valve Replacement (2019)	-	-	284,000	-	-	-	284,000
AUTO - 1456 - UT Annual Hydrant / Valve Replacement (2020)	-	-	-	287,000	-	-	287,000
AUTO - 1549 - UT Annual Hydrant / Valve Replacement (2021)	-	-	-	-	290,000	-	290,000
AUTO - 977 - UT Annual Corrosion Control Program (2018)	-	85,000	-	-	-	-	85,000
AUTO - 1220 - UT Annual Corrosion Control Program (2019)	-	-	85,000	-	-	-	85,000
AUTO - 1455 - UT Annual Corrosion Control Program (2020)	-	-	-	85,000	-	-	85,000
AUTO - 1548 - UT Annual Corrosion Control Program (2021)	-	-	-	-	85,000	-	85,000
Total Utilities Infrastructure Annual Program	278,000	366,000	369,000	372,000	375,000	-	1,760,000
Utilities Infrastructure Growth							
AUTO - 750 - UT Annual Rollout Carts (2017)	90,800	-	-	-	-	-	90,800
AUTO - 983 - UT Annual Rollout Carts (2018)	-	92,600	-	-	-	-	92,600
AUTO - 1226 - UT Annual Rollout Carts (2019)	-	-	94,500	-	-	-	94,500
AUTO - 1453 - UT Annual Rollout Carts (2020)	-	-	-	96,400	-	-	96,400
AUTO - 1547 - UT Annual Rollout Carts (2021)	-	-	-	-	98,300	-	98,300
AUTO - 1560 - UT Rural Water System Connections	200,000	-	-	-	-	-	200,000
AUTO - 1563 - UT Ardrossan Water Supply New Main - Design and Land	-	500,000	-	-	-	-	500,000
00291 - UT Ardrossan Water Supply New Main - Construction	-	-	13,000,000	-	-	-	13,000,000
Total Utilities Infrastructure Growth	290,800	592,600	13,094,500	96,400	98,300	-	14,172,600
Utilities Infrastructure Rehab/Replacement							
AUTO - 1561 - UT - Infrastructure Renewal - Utilities Lifecycle Management	200,000	-	-	-	-	-	200,000
Total Utilities Infrastructure Rehab/Replacement	200,000	-	-	-	-	-	200,000
Utilities Infrastructure Value Added							
AUTO - 1559 - UT Community Energy Connection Lot 4	600,000	-	-	-	-	-	600,000
Total Utilities Infrastructure Value Added	600,000	-	-	-	-	-	600,000
Total Utilities	1,368,800	958,600	13,463,500	468,400	473,300	-	16,732,600

	2017	2018	2019	2020	2021	2022+	Total
Vehicles							
Vehicles Annual Program							
AUTO - 743 - FLT Annual V & E Fleet Replacements (2017)	3,339,550	1,046,000	-	-	-	-	4,385,550
AUTO - 998 - FLT Annual V & E Fleet Replacements (2018)	-	5,523,275	-	-	-	-	5,523,275
AUTO - 1214 - FLT Annual V & E Fleet Replacements (2019)	-	-	6,035,875	-	-	-	6,035,875
AUTO - 1215 - FLT Annual V & E Fleet Replacements (2020)	-	-	-	5,113,800	-	-	5,113,800
AUTO - 1216 - FLT Annual V & E Fleet Replacements (2021)	-	-	-	-	4,709,000	-	4,709,000
AUTO - 777 - UT Annual Utilities Fleet Addition & Replacement Program (2017)	708,690	-	-	-	-	-	708,690
AUTO - 980 - UT Annual Utilities Fleet Addition & Replacement Program (2018)	-	758,150	-	-	-	-	758,150
AUTO - 1223 - UT Annual Utilities Fleet Addition & Replacement Program (2019)	-	-	464,200	-	-	-	464,200
AUTO - 1458 - UT Annual Utilities Fleet Addition & Replacement Program (2020)	-	-	-	608,200	-	-	608,200
AUTO - 1550 - UT Annual Utilities Fleet Addition & Replacement Program (2021)	-	-	-	-	253,725	-	253,725
AUTO - 1051 - FLT Transit Replacements (2017)	3	3,525,000	-	-	-	-	3,525,003
AUTO - 1299 - FLT Transit Replacements (2021)	-	-	-	-	2	1,099,998	1,100,000
Total Vehicles Annual Program	4,048,243	10,852,425	6,500,075	5,722,000	4,962,727	1,099,998	33,185,468
Vehicles Growth							
AUTO - 1600 - FAC - Vehicles for Maint Ops - Em Hills Pool, Em Hills Pavilion, Enviro-services, HR space	-	63,600	-	-	-	-	63,600
AUTO - 1601 - FAC - Vehicle for Community Halls Maint. Op. (2017) - INIT-8	59,500	-	-	-	-	-	59,500
AUTO - 1605 - RPC - Fleet Addition - Utility Vehicle (2017)	30,000	-	-	-	-	-	30,000
AUTO - 1607 - RPC - Fleet Addition - Garbage Truck (2017)	195,000	-	-	-	-	-	195,000
AUTO - 804 - RPC - Fleet Addition Aerator (2017)	15,000	-	-	-	-	-	15,000
AUTO - 966 - RPC - Fleet Addition (2018)	-	100,000	-	-	-	-	100,000
AUTO - 1113 - RPC - Fleet Addition (2019)	-	-	80,000	-	-	-	80,000
AUTO - 1114 - RPC - Fleet Addition (2020)	-	-	-	80,000	-	-	80,000
AUTO - 1196 - RPC - Fleet Addition (2021)	-	-	-	-	80,000	-	80,000
AUTO - 1488 - SCES - Fleet Addition - Modular Containers	-	-	187,950	193,590	-	-	381,540
AUTO - 407 - SCT - Bus Additions (2018)	-	1	4,520,250	-	-	-	4,520,251
AUTO - 408 - SCT - Bus Additions (2019)	-	-	1	2,593,080	-	-	2,593,081
AUTO - 1508 - SCT - Bus Additions (2020)	-	-	-	1	3,014,456	-	3,014,457
AUTO - 1636 - SCT - Bus Additions (2021)	-	-	-	-	1	2,858,871	2,858,872
Total Vehicles Growth	299,500	163,601	4,788,201	2,866,671	3,094,457	2,858,871	14,071,301

	2017	2018	2019	2020	2021	2022+	Total
Vehicles Rehab/Replacement							
AUTO - 1599 - FAC - Lease Buyout RT-403 Toyota Matrix (2017)	14,500	-	-	-	-	-	14,500
AUTO - 1604 - SCES - Fleet Upgrade for F-025	-	7,000	-	-	-	-	7,000
AUTO - 1486 - SCES - Fleet Upgrade to F-037	-	42,100	-	-	-	-	42,100
AUTO - 1260 - SCES - Upgrade of Incident Command Post	-	-	-	250,000	250,000	-	500,000
AUTO - 1483 - SCES - Fleet Upgrade for F-034	-	-	-	8,800	-	-	8,800
Total Vehicles Rehab/Replacement	14,500	49,100	-	258,800	250,000	-	572,400
Vehicles Value Added							
AUTO - 696 - TAS V & E Addition - Traffic Engineering & Safety Bucket Truck (2019)	-	-	200,000	-	-	-	200,000
Total Vehicles Value Added	-	-	200,000	-	-	-	200,000
Total Vehicles	4,362,243	11,065,126	11,488,276	8,847,471	8,307,184	3,958,869	48,029,169
Grand Total	54,527,081	99,409,026	106,820,346	112,084,234	91,603,514	41,143,869	505,588,070