

## 2012 - 2016 Capital Requirements

### Consolidated Operations

*Cash Flow by Asset Category & Project*

	2012	2012 Deferred*	2013	2014	2015	2016	2016+	Total
<b>Buildings</b>								
Amend 2009 Josephburg Public Services Yard	1,200,000		0	0	0	0	0	1,200,000
Annual Facility Capital Lifecycle	2,253,826		2,314,847	1,951,020	2,058,865	2,171,700	0	10,750,258
Annual Parking Lot Rehab Program	308,040		324,817	342,892	361,859	381,568	0	1,719,176
County Hall Phase 2 Renovations	0	2,200,432	0	0	0	0	0	2,200,432
County Hall Phase 3 Renovations	0		2,488,856	0	0	0	0	2,488,856
County Hall Phase 4 Renovations	0		0	1,558,004	0	0	0	1,558,004
North Public Works Facility	0		0	0	0	0	5,728,013	5,728,013
OSRFS Indoor Facility Revitalization Program	0		32,357,450	11,659,397	0	347,782	0	44,364,629
OSRFS Indoor Facility Revitalization Program - Ardrossan	3,948,690		0	0	0	0	0	3,948,690
OSRFS Indoor Facility Revitalization Program - Broadmoor	313,841		0	0	0	0	0	313,841
OSRFS Indoor Revitalization Program - Aquatics	1,335,518		0	0	0	0	0	1,335,518
RCMP Building Expansion	0	13,051,464	0	0	0	0	0	13,051,464
RCMP Enforcement Services Kennel Building	0		0	0	0	0	114,300	114,300
Recycle Stations and Enviro Service	2,310,000		0	0	0	0	0	2,310,000
SCES New Skills Maintenance Outdoor Training Centre Phase I	350,000		0	0	0	0	0	350,000
SCES New Skills Maintenance Outdoor Training Centre Phase II	0		1,240,000	0	0	0	0	1,240,000
SCES Station 1 Modernization & Renovation	0		1,000,000	0	0	0	0	1,000,000
SCES Station 3 Renovations & Expansion	0		0	0	0	0	7,504,536	7,504,536
SCES Station 7	0		0	0	19,662,720	0	0	19,662,720
SPSY Salt & Sand Storage Shed	750,000		0	0	0	0	0	750,000
Strathcona Aerodrome Commercial Lot Construction	0		0	0	0	0	848,000	848,000
Strathcona Aerodrome Terminal	0		0	0	0	0	515,000	515,000
Strathcona Airport Heli-pad	0		0	0	0	0	371,000	371,000
Transit Admin Office Expansion & Bus Maintenance Expansion	0		0	0	0	0	24,014,514	24,014,514
Transit Bus storage facility expansion	0		7,900,000	0	0	0	0	7,900,000
Transit Strathcona Park & Ride Terminal (SPARTA)	9,631,568		8,511,669	65,507	0	0	0	18,208,744
<b>Total Buildings</b>	<b>22,401,483</b>	<b>15,251,896</b>	<b>56,137,639</b>	<b>15,576,820</b>	<b>22,083,444</b>	<b>2,901,050</b>	<b>39,095,363</b>	<b>173,447,695</b>

## 2012 - 2016 Capital Requirements

### Consolidated Operations

*Cash Flow by Asset Category & Project*

	2012	2012 Deferred*	2013	2014	2015	2016	2016+	Total
<b>Electronic Hardware/Software</b>								
Annual IT Infrastructure Replacement Program - Library	42,381		48,500	48,709	52,549	49,128	0	241,267
Annual IT Infrastructure Replacement Program - Municipal	863,129		844,385	911,594	1,003,312	767,168	0	4,389,588
Annual IT Infrastructure Replacement Program - Utilities	31,500		43,260	44,558	34,421	47,271	0	201,010
Corporate GPS System	0	600,000	400,000	0	0	0	0	1,000,000
Corporate Security System Enhancement	0		0	110,894	0	0	0	110,894
CPC 3D Laser Scanner for Surveying - Software & Equipment	0		98,580	0	0	0	0	98,580
Enterprise GIS Technology Review	0		0	85,991	0	0	0	85,991
Enterprise GIS Technology Upgrade	0		0	0	594,695	0	0	594,695
ERP (Bellamy) Technology Upgrade	0		0	281,330	0	0	0	281,330
ERP (JD Edwards) Technology Upgrade	0		0	0	0	2,200,331	0	2,200,331
Integrated Messaging	0		0	0	0	0	0	0
IT Infrastructure Replacement Program - Lease Replacement	30,561		63,592	0	0	0	0	94,153
New Computers	6,200		6,200	6,200	6,200	6,200	0	31,000
New Computers for Change Requests	20,116		0	0	0	0	0	20,116
RCMP & ES Additional Computers	12,600		0	0	0	0	0	12,600
Replace Library Automation System	0		500,000	0	0	0	0	500,000
Replace Radio Frequency Identification Equipment	0		0	0	0	111,424	0	111,424
SCES Additional Computer Infrastructure	40,000		0	0	0	0	0	40,000
SCES Incident Command Post Radio Network	130,800		0	0	0	0	0	130,800
SCES Vehicle Data Terminals (On-Board Computers)	131,713		0	0	0	0	0	131,713
Transit Intelligent Transportation Systems	0		1,837,500	0	0	0	0	1,837,500
Transit Security Cameras - Onboard Buses	0		267,750	0	0	0	0	267,750
Transit SMART Card Fare Media Technology	0		0	0	1,247,400	0	0	1,247,400
Web Content Management System	0		0	238,622	0	0	0	238,622
<b>Total Electronic Hardware/Software</b>	<b>1,309,000</b>	<b>600,000</b>	<b>4,109,767</b>	<b>1,727,898</b>	<b>2,938,577</b>	<b>3,181,522</b>	<b>0</b>	<b>13,866,764</b>
<b>Land Development</b>								
Amend 2010 Meltwater Treatment Facility	2,000,000		0	0	0	0	0	2,000,000
<b>Total Land Development</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

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<b>Machinery &amp; Equipment</b>								
Annual Library Collection Replacement	531,488		548,396	559,858	571,503	583,647	0	2,794,892
Annual Golf Course Equipment Replacement Program	46,350		464,780	117,140	95,893	93,571	0	817,734
Annual Recreation Equipment Replacement Program	128,740		111,395	136,591	162,636	176,210	0	715,572
Annual SCES Equipment Replacement Program	189,500		135,840	147,550	222,000	147,450	0	842,340
Annual Water Meter / Radio Frequency Program	454,650		468,290	482,338	496,808	511,713	0	2,413,799
Fire Pump Test Pad	0		0	0	0	249,944	0	249,944
RPC Fleet Addition - Skid Steer Pick Up Broom	13,390		0	0	0	0	0	13,390
RPC Fleet Addition - Skid Steer Snow Blower	25,750		0	0	0	0	0	25,750
RPC Fleet Addition - Tandem Axle Dump Trailer	20,600		0	0	0	0	0	20,600
RPC Fleet Addition - Tool Cat & Attachments	105,575		0	0	0	0	0	105,575
TAS V & E Addition - Airport De-Icing Applicator	0	145,000	0	0	0	0	0	145,000
TAS V & E Addition - Loader w/Blower Attachment	565,000		0	0	0	0	0	565,000
TAS V & E Addition - Road Widener	125,000	0	0	0	0	0	0	125,000
TAS V & E Addition - Track Hoe Bucket w/ Thumb	25,000		0	0	0	0	0	25,000
TAS V & E Additions & Upgrades	0		1,113,945	1,147,360	1,181,785	1,217,240	0	4,660,330
TAS V & E Upgrade - T2-021 to TA & HE-073 to T/A Sander w/wing	46,000		0	0	0	0	0	46,000
TAS V & E Upgrade - T2-023 to TA & HE-076 to T/A Sander	46,000		0	0	0	0	0	46,000
VOIP/ROIP Hardware Console	0		424,360	0	0	0	0	424,360
Printshop Equipment	0		26,615	0	0	0	0	26,615
RCMP Telephone System Replacement	0		199,210	0	0	0	0	199,210
SCES Replace Monitors and Defibrillators	0		583,500	0	0	0	0	583,500
<b>Total Machinery &amp; Equipment</b>	<b>2,323,043</b>	<b>145,000</b>	<b>4,076,331</b>	<b>2,590,837</b>	<b>2,730,625</b>	<b>2,979,775</b>	<b>0</b>	<b>14,845,611</b>
<b>Parks &amp; Open Space Development</b>								
Annual Golf Course Improvements	63,654		65,564	67,531	69,556	71,643	0	337,948
Annual OSRFS Outdoor Revitalization Program - Phase 1	475,000		1,500,000	1,500,000	1,500,000	1,500,000	0	6,475,000
Annual Parks Infrastructure Lifecycle	627,270		1,083,179	682,954	799,111	457,913	0	3,650,427
Bremner House Restoration	0		0	0	0	0	5,973,600	5,973,600
CITP - Prairie Walk	157,500		0	0	0	0	0	157,500
War Memorial Project	39,018		0	0	0	0	0	39,018
<b>Total Parks &amp; Open Space Development</b>	<b>1,362,442</b>	<b>0</b>	<b>2,648,743</b>	<b>2,250,485</b>	<b>2,368,667</b>	<b>2,029,556</b>	<b>5,973,600</b>	<b>16,633,493</b>

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<b>Roadway Infrastructure</b>								
Annual Arterial Road Rehab Program	0		0	3,834,299	3,949,328	4,067,808	0	11,851,435
Annual Asphalt Trail Rehab Program	248,000		255,504	263,170	271,065	279,197	0	1,316,936
Annual Bridge Replacement Program	315,000		378,525	389,881	401,577	413,624	0	1,898,607
Annual Hamlet Street Rehab Program	155,561		151,340	151,340	151,340	151,340	0	760,921
Annual Residential Rehab Program	4,256,000		4,383,604	4,515,112	4,650,565	4,790,082	0	22,595,363
Annual Rural Road Rehab Program	5,337,000		5,710,250	6,110,000	6,537,700	6,995,320	0	30,690,270
Annual Traffic & Pedestrian Safety Improvements	525,000		540,750	785,331	808,891	833,158	0	3,493,130
Annual Traffic Signal / Intersection Replacements	1,343,948		1,384,266	1,425,794	1,468,568	1,512,625	0	7,135,201
50% Cost Share of Hwy 824 & Lin Ave Intersection Upgrade	0		0	924,020	0	0	0	924,020
Baseline Rd Upgrade & Asphalt Overlays, 17 Str-AT Boundary of Hwy 216 & 17 Street-34 Street	4,621,320		0	0	0	0	0	4,621,320
Baseline Rd, Broadmoor Blvd - AT (TUC) Boundary - add 3rd Lane	0		0	1,070,250	0	0	0	1,070,250
Beauvista Drive	105,000		4,326,000	0	0	0	0	4,431,000
CITP - Landscaping/Irrigation	0	848,250	0	0	0	0	0	848,250
CITP - Phase 2 - Festival Avenue	902,000		0	0	0	0	0	902,000
Class I Rural Grid Road Improvement (Land, Design, Util & Constr)	0		0	0	6,582,217	0	0	6,582,217
Class I Rural Grid Road Improvement (Util & Constr)	10,204,330		0	0	0	0	0	10,204,330
Clover Bar Rd, Dawson Dr to Hwy 16 Upgrade (Final Lift)	0	472,500	0	0	0	0	0	472,500
Heartland Industrial Road Project (Design, Land & Constr) Extend 220 North 560A to 213 (2017)	0		0	0	0	0	13,389,615	13,389,615
Hwy 16 & Clover Bar Rd Interchange Upgrade	0		0	0	1,355,935	0	0	1,355,935
Hwy 824 Service Rd for School Parking Lot & Sewage Lagoon	0		0	927,360	0	0	0	927,360
Lakeland Dr, Broadmoor Blvd to Summerland Drive Upgrade (Final Lift)	0	1,635,800	0	0	0	0	0	1,635,800
Lakeland Dr, Clover Bar Rd to Hwy 21 Final 2 Lanes and Final Lift	0		0	0	0	4,196,955	0	4,196,955
Main Blvd, Sherwood Dr to Broadmoor Blvd Upgrade (Final Lift)	446,250		0	0	0	0	0	446,250
North of Yellowhead Design & Land for Roads	4,925,000		5,072,750	0	0	0	0	9,997,750
Petroleum Way - Storm Sewer & Ditch Improvements and Trail	0		0	0	0	1,772,675	2,514,200	4,286,875
Rehab Wye Rd - WB & EB from CBR to Hwy 21	945,000		0	0	0	0	0	945,000
Rehab Wye Rd - WB & EB from West of Ordze to Sh Dr	0		762,458	0	0	0	0	762,458
17 St, 105 Ave to Sherwood Park Fwy 5 Lanes Design	0	693,000	0	0	0	0	0	693,000
17 St, 105 Ave to Sherwood Park Fwy 5 Lanes Construction & Final Lift	0		0	7,619,385	6,195,765	0	0	13,815,150
17 St, Railway St to North of 105 Ave (Knight) includ O/L North of 105 Ave to South of Hwy 16	0	1,237,250	0	0	0	0	0	1,237,250
34 Street, Sherwood Park Fwy to Baseline Rd - Study, Design & Land	0		0	0	2,524,200	0	0	2,524,200
34 Street, Sherwood Park Fwy to Baseline Road - Rehabilitation	0		0	0	0	0	12,537,550	12,537,550
RR 232, CPR to Twp Rd 534 Final Lift(1)	0		0	0	0	264,455	0	264,455
RR 231, CNR Overpass, Land & Construction	0		0	0	0	0	13,389,615	13,389,615
RR 231, Hwy 16 to TR 534 - Utilities, Construction & Final Lift	0		0	3,620,475	6,885,000	0	334,740	10,840,215

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RR 231, North of Twp Rd 540 to Twp Rd 542, Design & Constr	0		3,541,370	0	0	0	0	3,541,370
RR 232, Aurum Access to Twp 534 (including pipeline crossing)	0		0	0	2,499,820	0	0	2,499,820
RR 232, Estate Dr to Hwy 628 Design, Land, Utilities & Constr	0		0	0	2,150,515	0	11,109,640	13,260,155
RR 232, Wye Rd to Estate Drive - Design & Land, Utilities & Constr	0		0	4,037,070	0	0	0	4,037,070
RR 233, N. of Club House Dr to S. of Fountain Creek Way (Design & Constr)	0		0	0	2,524,200	0	0	2,524,200
Sherwood Dr, Lakeland Dr to Hwy 16 Util & Constr Upgrade - 2 add'l lanes	0	9,973,475	0	0	0	0	0	9,973,475
Sherwood Dr, Upgrade from Wye Road to Village Drive & Fir Str from Sherwood Dr to Ash St	0	1,396,500	0	0	0	0	0	1,396,500
Transit - Priority Corridor (Baseline Road)	0		1,113,000	0	0	0	0	1,113,000
Twp 534, Rge Rd 231 to Hwy 21 - Utilities, Construction & Final Lift	0		0	0	9,546,060	0	334,740	9,880,800
Twp 534, Rge Rd 232 to Rge Rd 231 - Utilities, Construction & Final Lift	0		0	4,455,780	0	0	0	4,455,780
Twp 530 & Rge Rd 223 Land, Utilities & Construction	0		0	701,795	1,376,835	0	0	2,078,630
Twp 530 & Rge Rd 224 Land, Utilities & Construction	0		681,350	1,336,750	0	0	0	2,018,100
Twp 530 & Rge Rd 225 Intersection Upgrading	1,323,000		0	0	0	0	0	1,323,000
Wye Rd, Ash Street Extension Design, Land & Construction	0		0	0	0	1,560,415	3,639,540	5,199,955
Wye Rd, Hawthorne to Brentwood Blvd (Design & Util 2012) (Construction 2013)	0		1,411,360	6,011,260	0	0	0	7,422,620
<b>Total Roadway Infrastructure</b>	<b>35,652,409</b>	<b>16,256,775</b>	<b>29,712,527</b>	<b>48,179,072</b>	<b>59,879,581</b>	<b>26,837,654</b>	<b>57,249,640</b>	<b>273,767,658</b>

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<b>Utilities</b>								
Annual Corrosion Control Program	115,500		78,409	80,761	83,184	85,679	0	443,533
Annual Hydrant / Valve Replacement	241,500		248,745	256,207	263,894	271,810	0	1,282,156
Annual Rollout Carts	0		86,520	89,116	91,789	94,543	0	361,968
Annual Rural Water Program	0		2,452,840	0	0	0	0	2,452,840
Annual Sanitary & Storm Mainline Rehab	307,650		316,880	326,386	336,177	346,263	0	1,633,356
Annual Sump Pump Collector Retrofit	1,386,116		1,406,872	1,427,939	1,449,322	1,471,026	0	7,141,275
Ardrossan Water Reservoir & Pumphouse Expansion Design & Constr	0		0	0	2,684,830	0	0	2,684,830
Ardrossan Water Supply New Main Land & Constr	0		0	0	0	7,016,657	0	7,016,657
Ardrossan Water Supply - Interim Extension Project	441,210		0	0	0	0	0	441,210
Community Energy - CITP Cogeneration Unit	0		0	0	0	0	8,400,000	8,400,000
Community Energy - Millennium Place & EHUV Clusters	0		3,031,391	3,318,506	11,763,111	0	0	18,113,008
Community Energy - CITP New Connections	0		903,548	0	0	0	0	903,548
Community Energy - CITP New Connections	136,269		327,500	0	0	0	0	463,769
Half Moon Lake Water Design & Constr	0		0	0	0	0	6,737,411	6,737,411
Josephburg / Heartland Reservoir Pumphouse Land & Const	0		0	0	0	0	22,757,478	22,757,478
Josephburg Wastewater Upgrade Land & Constr	0		0	0	0	0	15,020,714	15,020,714
Level of Service Wastewater Storage Design, Land & Constr	0		0	0	0	0	25,283,894	25,283,894
North of Yellowhead Design & Land for Utilities	3,517,500		0	0	0	0	0	3,517,500
North of Yellowhead Storm Construction (Phase 1 of 3)	0		0	1,481,545	1,525,991	0	0	3,007,536
North of Yellowhead Storm Construction (Phase 2 of 3)	0		0	0	0	3,781,710	0	3,781,710
North of Yellowhead Storm Construction (Phase 3 of 3)	0		0	0	0	0	1,630,000	1,630,000
North of Yellowhead WasteWater Construction (Phase 1 of 2)	0		0	4,260,840	0	0	0	4,260,840
North of Yellowhead WasteWater Construction (Phase 2 of 2)	0		0	0	0	0	6,887,275	6,887,275
North of Yellowhead Water Construction (Phase 1 of 2)	0		0	6,549,997	0	0	0	6,549,997
North of Yellowhead Water Construction (Phase 2 of 2)	0		0	0	0	0	7,790,300	7,790,300
Relocation of Ardrossan Recycle Station	278,775		0	0	0	0	0	278,775
Relocation of South Cooking Lake Recycle Station	0	278,775	0	0	0	0	0	278,775
South Cooking Lake Water System Design & Construction	0		0	0	0	7,587,055	0	7,587,055
<b>Total Utilities</b>	<b>6,424,520</b>	<b>278,775</b>	<b>8,852,705</b>	<b>17,791,297</b>	<b>18,198,298</b>	<b>20,654,743</b>	<b>94,507,072</b>	<b>166,707,410</b>

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<b>Vehicles</b>								
Annual Transit Bus Replacements	4,444,600		1,754,000	0	555,300	130,000	0	6,883,900
Annual Utilities Fleet Addition & Replacement Program	664,300		568,742	540,332	1,277,820	376,136	0	3,427,330
Annual V & E Fleet Additions Rental Buyout	95,000		0	0	0	0	0	95,000
Annual V & E Fleet Replacements	4,717,500		4,760,338	4,187,249	6,808,730	5,361,432	0	25,835,249
CPC V & E Upgrade - T1-052 3/4 ton to a 1 ton	23,500		0	0	0	0	0	23,500
RCMP & ES Additional Cars	263,400		0	0	0	0	0	263,400
RPC Fleet Addition - 3/4 Ton Cargo Van	0	57,474	0	0	0	0	0	57,474
SCES Fleet Addition - Modular Containers	0		0	87,450	0	0	0	87,450
SCES V & E Addition - Brush Truck	150,000		0	0	0	0	0	150,000
SCES V & E Addition - Squad	0	1,455,000	0	0	0	0	0	1,455,000
SCES V & E Addition - Traffic Safety/Back-up Command Vehicle	0	120,000	0	0	0	0	0	120,000
SCES V & E Addition - Water Tanker	320,125		346,875	0	0	0	0	667,000
SCES V & E Upgrade - Deputy Chief Sedan	0		30,500	0	0	0	0	30,500
SCES V & E Upgrade - Truck for Prevention & Investigation	0		0	31,500	0	0	0	31,500
TAS V & E Upgrade - T1-075 Minivan to 1/2 ton crew cab 4x4	0	13,000	0	0	0	0	0	13,000
TAS V & E Upgrade - T1-108 1 Ton Crew Cab from 2WD to 4WD	0	5,000	0	0	0	0	0	5,000
TAS V & E Upgrade - T1-111 1 ton Crew Cab from 2WD to 4WD	5,000		0	0	0	0	0	5,000
Transit Bus Additions	0		1,833,161	1,926,703	2,022,295	2,065,774	0	7,847,933
V & E Fleet Additions	0		500,000	500,000	500,000	500,000	0	2,000,000
<b>Total Vehicles</b>	<b>10,683,425</b>	<b>1,650,474</b>	<b>9,793,616</b>	<b>7,273,234</b>	<b>11,164,145</b>	<b>8,433,342</b>	<b>0</b>	<b>48,998,236</b>
<b>TOTAL CAPITAL REQUIREMENTS</b>	<b>82,156,322</b>	<b>34,182,920</b>	<b>115,331,328</b>	<b>95,389,643</b>	<b>119,363,337</b>	<b>67,017,642</b>	<b>196,825,675</b>	<b>710,266,867</b>

\*Projects deferred will be re-prioritized as part of the 2013 - 2017 planning cycle