

## Capital Financial Update - December 31, 2019

### Definitions

**Significant Capital Project** - Project that has an approved budget greater than or equal to \$20 million over the 2019-2022 time period. Projects may also include those that are highly strategic, complex, have many stakeholders, have major constraints and/or include a high level of risk.

#### **Red Project Status**

Develop stage projects with a greater than 30% variance from adjusted original budget or schedule.

Deliver stage projects with greater than 20% variance from adjusted original budget or schedule.

Profiles/projects not being delivered under the Project Design and Deliver Model with greater than 20% variance from last approved budget or schedule.

Project status to be assessed qualitatively when budget or schedule assessments are not available.

#### **Yellow Project Status**

Yellow status is meant to flag profiles that are projecting over the approved budget or schedule, but still within an acceptable tolerance.

Develop stage projects report yellow status when between 0%-30% variance from adjusted original budget or schedule.

Deliver stage projects report yellow status when between 0%-20% variance from adjusted original budget or schedule.

Legacy projects report yellow status when between 0%-20% variance from last approved budget or schedule.

Project status to be assessed qualitatively when budget or schedule assessments are not available.

#### **Green Project Status**

Project is on/under cost and on/ahead of schedule.

#### **Adjusted Original Budget**

Develop/Deliver stage projects compare to original approved budgets adjusted for any partner or City Council directed scope changes to calculate status. Legacy profiles adjusted original budget will equal current approved budget, which going forward would not be adjusted for future budget adjustments unless tied to a partner or City Council directed scope change.

#### **% Delay (Project Schedule Variance %)**

Calculated as the difference between the Estimated or Actual In Service Date and Budgeted End Date in comparison to the estimated project duration.  $(\text{Estimated or Actual In Service Date} - \text{Budgeted End Date}) / (\text{Budgeted End Date} - \text{Estimated or Actual Start Date})$ .

#### **% Over Budget (Project Cost Variance %)**

Calculated as the difference between the Total Projection and the Adjusted Original Budget.  $(\text{Total Projection} - \text{Adjusted Original Budget}) / (\text{Adjusted Original Budget})$

#### **Profile-to-Date Actuals**

Total project cost from inception of the project to the reporting date.

#### **% Complete based on Total Projection**

Project-to-Date Actuals as a percentage of Total Projection.

#### **Approved Budget**

The total authorized budget at the reporting date.

#### **Total Projection**

Estimated costs over the life of the project/profile.

#### **Estimated or Actual Start Date**

Month and year the project commenced based on the date cumulative project costs are expected to be or are greater than \$10,000.

#### **Budget End Date**

Month and year the project is expected to be completed based on the Approved Budget. This may differ from the completion date based on the Original Budget if subsequent budget adjustments have changed project timelines.

#### **Actual or Estimated In Service Date**

Month and year the asset is expected to be available for use. Total project costs may not be incurred by this date, however the asset is available or is expected to be available for use.

#### **Project Phase**

Identifies whether a project is reporting in the develop, deliver, or is being considered a legacy project for the purposes of calculating the status of the project. Departments outside of IIS will continue to report as legacy until adopting a similar project deliver model to IIS.

#### **Threshold**

The threshold % is applied to the budget or schedule variance and reflects the acceptable tolerance level for a project. A project over the threshold value is flagged with a red status for either budget or schedule.

#### **Funding Implications**

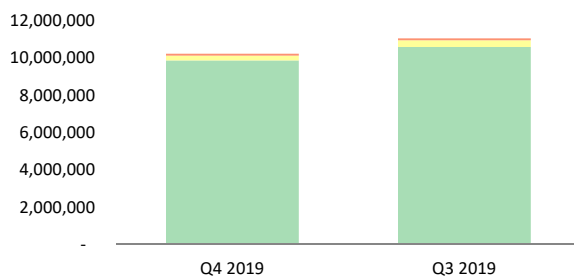
Funding implications identifies any impacts to external funding sources, such as federal/provincial grants or partnership funding, due to delays to the project.

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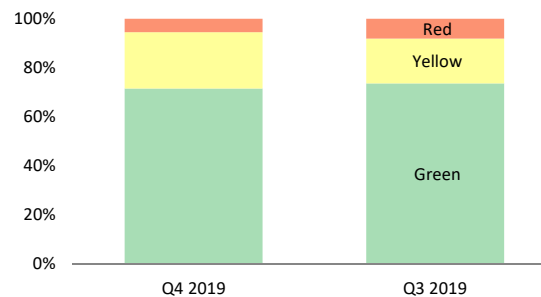
### Schedule and Cost Variance

	<u>Dec-19</u>	<u>Sep-19</u>
<b>Project Schedule Variance</b>		
On Time or Ahead of Schedule	54	66
Delay up to 20% (30% Develop)	7	6
Delay > 20% (30% Develop)	14	15
	<u>75</u>	<u>87</u>
<b>Project Cost Variance</b>		
Within or Under Budget	69	77
Over Budget up to 20% (30% Develop)	3	7
Over Budget > 20% (30% Develop)	3	3
	<u>75</u>	<u>87</u>

**Approved Budget \$ by Budget Status (000's)**



**% of Approved Budget by Schedule Status**



### Schedule

<u>Page # Profile</u>	<u>Dec-19</u>	<u>Sep-19</u>
p 3 18-66-6503 - 50 Street CPR Grade Separation	> 0%	> 0%
p 3 15-21-5785 - Lewis Farms Community Recreation Centre and Library	151%	157%
p 4 19-10-1101 - Edmonton Convention Centre Underground Structure Renewal	69%	NA
p 4 17-21-1000 - Edmonton Soccer Association South Soccer Centre Expansion	35%	38%
p 5 13-33-2023 - High Solids Anaerobic Digestion Facility	200%	213%
p 5 15-21-5801 - Coronation Community Recreation Centre	93%	98%
p 5 15-21-7777 - The Orange Hub	15%	19%
p 5 17-99-2001 - Century Place Base Bldg Rehab & Tenant Improvements	45%	49%
p 5 17-99-2010 - Bonnie Doon Pool Rehabilitation	22%	27%
p 5 12-60-1376 - Northwest Campus	> 20%	> 20%
p 6 11-66-1673 - Valley Line LRT	> 0%	> 0%
p 13 13-66-1294 - Transit Smart Fare System (Smart Card)	8%	8%
p 13 14-66-2570 - Parking Control Technology	418%	344%
p 14 CM-66-3608 - Electric Buses (25)	49%	49%
p 15 19-18-1903 - Recreation and Attractions Management (RAMS) Program	34%	34%
p 19 15-74-4104 - Warehouse Campus Neighbourhood Central Park Land Acquisition	22%	25%
p 19 15-74-4031 - The Quarters Downtown - Phase II	54%	54%
p 5 15-74-4103 - Initial Phase Jasper Avenue New Vision	NA	42%
p 5 15-21-2180 - Jasper Place Leisure Centre Renewal	NA	22%
p 6 15-70-0003 - Co-located Dispatch and Emergency Operations Centre	NA	> 20%

### Cost

<u>Page # Profile</u>	<u>Dec-19</u>	<u>Sep-19</u>
p 5 12-66-1044 - Groat Road over N. Sask. River	17%	17%
p 5 17-99-2001 - Century Place Base Bldg Rehab & Tenant Improvements	10%	
p 5 17-99-2010 - Bonnie Doon Pool Rehabilitation	21%	12%
p 5 12-60-1376 - Northwest Campus	4%	4%
p 15 19-18-1903 - Recreation and Attractions Management (RAMS) Program	49%	49%
p 3 18-66-6503 - 50 Street CPR Grade Separation		19%
p 14 CM-66-3608 - Electric Buses (25)		1%
CM-25-1001 - Vehicle and Equipment Replacement		12%

**Integrated Infrastructure Services**

Q4 2019 Capital Performance (\$000's)

**Standalone Profile Performance**

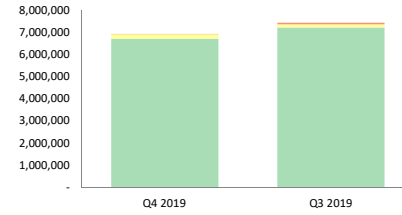
The charts represent the standalone profile status by budget (left chart) and schedule (right) compared to the previous reporting period of Q3 2019. The profile status used for the charts below is based off of the thresholds described in the definitions page of this attachment.

IIS is managing 168 standalone profiles with total active approved budget of \$6,085.4 million. Of that, 32 profiles were considered significant and provide 90.8% coverage of the active approved budget for standalones in IIS.

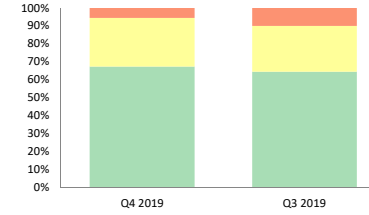
The performance includes both standalone profiles being delivered through the Project Development and Delivery Model (PDDM) as well as profiles started before this model was implemented. 15 out of the 32 significant standalone profiles were initiated following PDDM. All the PDDM delivered profiles are tracking on budget and 12 are projecting on time.

The following three tables are split into Develop and Deliver stage profiles being delivered under PDDM, and legacy profiles.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Integrated Infrastructure Services - Develop Stage Standalone Profiles																					
Capital Profile	Profile To-Date Actuals	% Spend	Adjusted Original Budget Develop (A)	Adjusted Original Budget Deliver	Adjusted Original Budget	Total Projection (Develop)	Variance to Adjusted Original Develop Budget (B)	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act Completion Date (E)	Project Phase	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
19-10-1011 - Stadium LRT Station Upgrade	918	3%	1,500	28,340	29,840	1,500	-	31,679	30,179	No	Jun-2019	Dec-2022	Dec-2020	Develop	30%	0%	0%	2019 - 61% 2020 - 39%	The Stadium Station Redevelopment project has been working through Design Development since July 2019. A Construction Manager was hired in October 2019 to provide pre-construction services. In late October 2019, the provincial government released the annual provincial budget which unexpectedly cancelled the Alberta Community Transit (ACT) funding program causing a shortfall to this project. In December 2019, City Council approved funding to make up for this budgetary shortfall.  The draft Design Development report is currently in review, and planning for construction is underway, including demolition of the existing canopy. One of the goals during construction is to minimize impacts to the public's daily use of the station. LRT service for major events at Commonwealth Stadium will continue throughout construction. Impacts of construction will be shared with the public once the construction schedule is confirmed.	Federal - Public Transit Infrastructure Fund - 879 Munc Sustain. Initiative - MSI - 273 Other Grants - Provincial - 439 Pay-As-You-Go - 1,749 Tax-Supported Debt - 28,340	-
18-66-6503 - 50 Street CPR Grade Separation	9,271	9%	8,900	77,700	86,600	8,900	-	102,900	94,000	No	Jan-2018	Dec-2023	TBD	Develop	30%	0%	> 0%	2019 - 100%	The preliminary design is substantially complete. Procurement is underway for the next stages of design.  Negotiations with CP Rail are ongoing and land acquisition is advancing.  Utility discussions and designs are underway, with initial utility relocations expected to begin in 2020/2021.	Federal Grant - 39,800 Partnership Funding - 1,500 Pay-As-You-Go - 16,500 Provincial Grant - 28,300 Tax-Supported Debt - 16,800	-
15-21-5785 - Lewis Farms Community Recreation Centre and Library	15,384	57%	27,111	-	27,111	27,111	-	27,111	-	No	Apr-2016	Dec-2019	Sep-2025	Develop	30%	0%	151%	PY - 22% 2019 - 34% 2020 - 44%	Design progress for Lewis Farms Facility and Park has reached 35% completion. The project has experienced some strains on the schedule which has impacted the approved baseline. Currently, the revised forecast design completion is scheduled to occur in Q1 / 2021. With the December 2019 construction budget deferral, there is no date for construction start. Land acquisition was successful.	Partnership Funding - 200 Pay-As-You-Go - 3,500 Tax-Supported Debt - 23,411	-
19-22-9006 - Terwillegar Drive Expressway Upgrades - Alternate Staging	2,010	2%	6,900	102,700	102,700	6,900	-	102,700	95,800	No	Dec-2019	Dec-2024	Dec-2024	Develop	30%	0%	0%	2020 - 72% 2021 - 23% 2022 - 4%	An alternate staging plan has been approved by City Council, in response to the cancellation of Provincial funding and a re-assessment of the overall program staging. Stage 1 now includes upgrading Terwillegar Drive to an expressway between Rabbit Hill Road and Whitemud Drive, widening of the Whitemud Drive/Terwillegar Drive interchange, and widening/renewal of the Rainbow Valley Bridges.  For reporting purposes, this project includes the widening of the Whitemud Drive/Terwillegar Drive interchange and the widening/renewal of the Rainbow Valley Bridges. A separate project covers the upgrade of Terwillegar Drive to an expressway. The scope, budget and schedule will be formally updated in early Q1, 2020.	Tax-Supported Debt - 102,700	-

Integrated Infrastructure Services - Deliver Stage Standalone Profiles																					
Capital Profile *	Profile To-Date Actuals	% Spend	Adjusted Original Budget Develop	Adjusted Original Budget Deliver	Adjusted Original Budget (A)	Total Projection	Variance to Adjusted Original Budget (B)	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Project Phase	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
19-40-9010 - NRP Recon - Alberta Avenue	11,814	23%	2,210	48,290	50,500	50,500	-	50,500	-	No	Jun-2019	Dec-2023	Dec-2023	Deliver	20%	0%	0%	2019 - 25% 2020 - 25% 2021 - 25% 2022 - 24%	Year 1 of 4 construction is completed as of October 2019. Year 2 construction planning has started and on track to start in early May 2020. Project information can be found at <a href="http://www.edmonton.ca/buildingalbertaavenue">www.edmonton.ca/buildingalbertaavenue</a>	Local Improvements Prop. Share - 3,888 Neighborhood Renewal Reserve - 45,540 Pay-As-You-Go - 783 Tax-Supported Debt - 289	-
19-40-9011 - NRP Recon - Central McDougall	7,298	26%	1,200	26,800	28,000	28,000	-	28,000	-	No	Jun-2019	Dec-2021	Dec-2021	Deliver	20%	0%	0%	2019 - 36% 2020 - 51% 2021 - 13%	Construction for Year 1 of 2 was completed in October 2019. The project is scheduled to be completed by the summer of 2021. Project information can be found at <a href="http://www.edmonton.ca/BuildingCentralMcDougall">www.edmonton.ca/BuildingCentralMcDougall</a> .	Local Improvements Prop. Share - 1,762 Neighborhood Renewal Reserve - 23,528 Pay-As-You-Go - 229 Tax-Supported Debt - 2,481	-
19-40-9012 - NRP Recon - Highlands	5,650	12%	1,900	45,200	47,100	47,100	-	47,100	-	No	Jun-2019	Dec-2022	Dec-2022	Deliver	20%	0%	0%	2019 - 21% 2020 - 33% 2021 - 34% 2022 - 13%	The Year 1 (2019) scope of work is substantially complete with roads and sidewalks in service. Seasonal landscaping deficiencies will be completed in Spring 2020. Construction of the Year 2 (2020) scope of work is anticipated to commence in May 2020. The overall completion of the 3 year project is anticipated to occur by the end of 2021. Further information can be found at <a href="http://www.edmonton.ca/BuildingHighlands">www.edmonton.ca/BuildingHighlands</a>	Local Improvements Prop. Share - 3,328 Neighborhood Renewal Reserve - 41,740 Pay-As-You-Go - 1,725 Tax-Supported Debt - 307	-
19-40-9013 - NRP Recon - Inglewood	11,356	22%	2,750	49,350	52,100	52,100	-	52,100	-	No	Jun-2019	Dec-2022	Dec-2022	Deliver	20%	0%	0%	2019 - 32% 2020 - 35% 2021 - 20% 2022 - 13%	Construction of the Year 1 (2019) scope of work is substantially complete. Landscaping deficiencies will be completed in Spring 2020. Commencement of the Year 2 (2020) scope of work is anticipated to commence in May 2020 and is planned to be complete by the end of 2020. The overall project is anticipated to be complete by Spring 2022.	Local Improvements Prop. Share - 3,660 Munc Sustain. Initiative - MSI - 1,185 Neighborhood Renewal Reserve - 45,595 Pay-As-You-Go - 285 Tax-Supported Debt - 1,375	-
19-40-9014 - NRP Recon - Strathcona	16,390	25%	3,390	61,710	65,100	65,100	-	65,100	-	No	Jun-2019	Dec-2022	Dec-2022	Deliver	20%	0%	0%	2019 - 27% 2020 - 30% 2021 - 33% 2022 - 11%	Construction for Year 1 of 3 is complete; the Rail Trail from Gateway Blvd to 106 street will be constructed in the Spring of 2020. The project is scheduled to be complete by the summer of 2022. For more information related to the project, please visit <a href="http://www.edmonton.ca/buildingstrathcona">www.edmonton.ca/buildingstrathcona</a>	Local Improvements Prop. Share - 4,320 Neighborhood Renewal Reserve - 55,140 Pay-As-You-Go - 5,640	-
19-40-9015 - NRP Recon - Royal Gardens	8,316	27%	1,210	29,190	30,400	30,400	-	30,400	-	No	Jun-2019	Dec-2021	Dec-2021	Deliver	20%	0%	0%	2019 - 44% 2020 - 43% 2021 - 13%	Construction of the 2019 scope of work for Royal Gardens is complete. Minor deficiencies from the 2019 scope of work will be completed in 2020. Streetlight construction has concluded for 2019 and will start up again in 2020 as soon as weather permits. The 2020 scope of work (drainage, walks, road) will commence in May 2020, weather permitting.	Local Improvements Prop. Share - 2,120 Neighborhood Renewal Reserve - 27,535 Pay-As-You-Go - 287 Tax-Supported Debt - 458	-
19-22-9003 - 105 Avenue (Columbia Avenue)	605	4%			16,000	16,000	-	16,000	-	No	Nov-2019	Dec-2022	Jun-2020	Deliver	20%	0%	0%	2019 - 6% 2020 - 6% 2021 - 44% 2022 - 44%	Detailed design is ongoing. Utilities relocates will begin in 2020, construction is scheduled for 2021 to 2023	MSI Replacement - 6,300 Munc Sustain. Initiative - MSI - 8,100 Pay-As-You-Go - 1,600	-
19-22-9002 - Imagine Jasper 109-114 St - Phase 1	-	0%			24,400	24,400	-	24,400	-	No	Nov-2019	Dec-2021	Dec-2020	Deliver	20%	0%	0%	2019 - 4% 2020 - 82% 2021 - 14%	The construction contract is out for tender, and will close in late January. Construction will begin in April, weather dependent.	Developer Financing - 5,040 Munc Sustain. Initiative - MSI - 15,682 Pay-As-You-Go - 3,678	-
17-74-4103 - Jasper Avenue New Vision Phase 2	3,883	12%	3,400	27,725	31,125	31,125	-	31,125	-	No	Jan-2017	Dec-2023	Jul-2023	Deliver	20%	0%	0%	PY - 8% 2019 - 3% 2020 - 39% 2021 - 39% 2022 - 10% 2023 - 1%	Construction to begin in April, with Jasper Avenue (97 St to 100 St) restricted to one lane in each direction on existing westbound lanes for 2020 construction season. Northbound 100 Street south of Jasper Avenue restricted to two lanes, with intermittent reduction to one lane. 2021 construction season will have Jasper Avenue (97 St to 100 St) down to one lane in each direction on new eastbound lanes. 97 Street (Jasper Ave to 102 Ave) to be closed in 2021 construction season.	Debt CRL Downtown - 30,400 Debt CRL Quarters - 725	-
19-10-1101 - Edmonton Convention Centre Underground Structure Renewal	-	0%			15,109	15,109	-	15,109	-	No	Nov-2019	Dec-2021	Jul-2023	Deliver	20%	0%	69%	2019 - 6% 2020 - 47% 2021 - 47%	Construction to begin in April, with Jasper Avenue (97 St to 100 St) restricted to one lane in each direction on existing westbound lanes for 2020 construction season. Northbound 100 Street south of Jasper Avenue restricted to two lanes, with intermittent reduction to one lane. 2021 construction season will have Jasper Avenue (97 St to 100 St) down to one lane in each direction on new eastbound lanes. 97 Street (Jasper Ave to 102 Ave) to be closed in 2021 construction season.	Munc Sustain. Initiative - MSI - 11,137 Pay-As-You-Go - 3,972	-
17-21-1000 - Edmonton Soccer Association South Soccer Centre Expansion	1,684	6%	2,562	27,538	30,100	30,021	79	30,021	-	No	Jan-2017	Dec-2020	Jun-2022	Deliver	20%	0%	35%	PY - 4% 2019 - 39% 2020 - 57%	Design for the Edmonton South Soccer Centre Expansion has been reset to 75% to accommodate redesign. The construction tender occurred in Q3 2019. The tender was not awarded as all bids received were over budget. The project is being redesigned and a tender for a Construction Management Contractor will be issued in Q1 2020. The project is currently forecast to be completed before Q2 2022.	Enterprise Reserve - 2,000 Partnership Funding - 600 Pay-As-You-Go - 143 Self Supporting-Tax Guaranteed - 9,500 Tax-Supported Debt - 17,778	-

Integrated Infrastructure Services - Legacy Standalone Profiles																					
Capital Profile *	Profile To-Date Actuals	% Spend	Adjusted Original Budget Develop	Adjusted Original Budget Deliver	Adjusted Original Budget (A)	Total Projection	Variance to Adjusted Original Budget (B)	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Project Phase	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
14-02-2106 - Blatchford Redevelopment Implementation	158,856	25%	-	-	631,925	631,925	-	631,925	-	No	Dec-2014	Dec-2038	Dec-2038	Legacy	20%	0%	0%	PY - 22% 2019 - 3% 2020 - 7% 2021 - 3% 2022 - 2% 2023 - 2% 2024+ - 61%	Blatchford's first home builders are now starting construction. These builders are part of the first phase of development in Blatchford West - Stage One.	Blatchford Lands Retained Earnings - 551,383 Tax-Supported Debt - 80,542	-
12-66-1044 - Groat Road over N. Sask. River	32,193	58%	-	-	47,215	55,215	(8,000)	55,215	-	Yes	Dec-2012	Dec-2020	Sep-2020	Legacy	20%	17%	0%	PY - 21% 2019 - 47% 2020 - 27% 2021 - 5%	Construction of Stage 1 is underway, with landscaping to be completed. Planning for Stage 2 is approved and detailed design is underway. Construction of Stage 2 is scheduled to start in 2020.	Fuel Rebate - 198 Munc Sustain. Initiative - MSI - 44,131 Pay-As-You-Go - 10,886	-
12-66-1413 - Kathleen Andrews Transit Garage	193,949	92%	-	-	211,269	211,269	-	211,269	-	No	May-2012	Dec-2019	Dec-2019	Legacy	20%	0%	0%	PY - 77% 2019 - 14% 2020 - 8%	Construction of the Kathleen Andrews Transit Garage has reached 98% completion. Construction is Substantially Complete and the facility has been turned over to Transit for fit-up and move in.  Opportunity / Threat Flags for management to be aware of: 1. The Electric Bus Infrastructure has been awarded and it is anticipated that a Construction Manager will begin construction in January 2020. 2. The remaining Site Work is scheduled for completion by summer 2020.  Construction Activity Highlights for December 2019 consisted of: 1. Deficiency corrections were started in December 2019 and will continue until mid-February 2020.	Munc Sustain. Initiative - MSI - 13,502 Other Reserve - 265 Pay-As-You-Go - 675 Tax-Supported Debt - 196,827	-
13-33-2023 - High Solids Anaerobic Digestion Facility	39,687	95%	-	-	41,707	41,707	-	41,707	-	No	Dec-2013	Dec-2015	Mar-2020	Legacy	20%	0%	200%	PY - 91% 2019 - 4% 2020 - 5%	As our quality assurance testing of the Anaerobic Digestion facility has progressed, some components have been identified to be repaired and enhanced to support the transition to full operations by Waste Services. This final stage is nearing completion where the testing and commissioning will carry forward with an anticipated completion date in spring 2020.	Partnership Funding - 10,843 Self-Liquidating Debentures - 30,864	-
15-21-5801 - Coronation Community Recreation Centre	223	0%	-	-	112,260	112,260	-	112,260	-	No	May-2017	Dec-2020	Jun-2024	Legacy	20%	0%	93%	2019 - 78% 2020 - 7% 2021 - 6% 2022 - 8% 2023 - 1%	Development Design for the Coronation Community Recreation Centre is ongoing. The design validation report has been submitted for the City to review. The project continues to progress in Development Design as per the baseline plan with construction forecast to begin in Q2 2021 and the overall project remains on target to be completed by Q2 2024.	Partnership Funding - 4,000 Pay-As-You-Go - 1,000 Tax-Supported Debt - 107,260	-
15-21-6600 - TELUS World of Science	9,000	23%	-	-	40,000	40,000	-	40,000	-	No	Dec-2015	Dec-2018	Dec-2020	Legacy	20%	0%	0%	PY - 23% 2019 - 77%	Design for the phase 4C of the Telus World of Science Aurora Project has commenced and is currently in the Schematic Design Phase.	Partnership Funding - 28,000 Pay-As-You-Go - 12,000	-
15-21-6973 - Fort Edmonton Park - Utilities & Enhancements	64,792	41%	-	-	159,114	159,114	-	159,114	-	No	Dec-2015	Dec-2021	Dec-2020	Legacy	20%	0%	0%	PY - 11% 2019 - 47% 2020 - 37% 2021 - 5%	Aspects of the site work is ongoing. Overall completion of the program (In-Service) is on track for Q4 2020, with the exception of the Hotel Selkirk.	Federal Bldg Canada Fund - 47,295 Munc Sustain. Initiative - MSI - 63,690 Other Grants - Federal - 500 Partnership Funding - 10,000 Pay-As-You-Go - 7,078 Provincial Grant - 30,551	-
15-21-7777 - The Orange Hub	20,511	94%	370	-	21,900	21,900	-	21,900	-	No	Jan-2017	Mar-2019	Aug-2019	Legacy	20%	0%	15%	PY - 76% 2019 - 24%	Construction for MacEwan West has reached 98% completion. The City is working on project closeout activities.	Munc Sustain. Initiative - MSI - 16,630 Pay-As-You-Go - 3,270 Tax-Supported Debt - 2,000	-
17-99-2001 - Century Place Base Bldg Rehab & Tenant Improvements	8,648	27%	-	-	29,465	32,465	(3,000)	32,465	-	No	Jan-2017	Dec-2019	May-2021	Legacy	20%	10%	45%	PY - 10% 2019 - 16% 2020 - 49% 2021 - 25%	Construction for Century Place has reached 27% completion. The project is planned to be In-Service Q2 2021.	Financial Stabilization Resrv. - 800 Munc Sustain. Initiative - MSI - 13,500 Pay-As-You-Go - 18,165	-
17-99-2010 - Bonnie Doon Pool Rehabilitation	12,590	84%	-	-	12,488	15,055	(2,567)	15,055	-	No	Aug-2017	Jun-2019	Dec-2019	Legacy	20%	21%	22%	PY - 37% 2019 - 63%	Construction for Bonnie Doon Leisure Centre has reached 96% completion. The project experienced some strains to the baseline schedule but the facility is now In-Service as of January 15, 2020.	Munc Sustain. Initiative - MSI - 7,893 Pay-As-You-Go - 6,862	-
12-60-1376 - Northwest Campus	106,396	95%	-	-	107,650	111,650	(4,000)	111,650	-	No	Sep-2013	Mar-2019	TBD	Legacy	20%	4%	> 20%	PY - 91% 2019 - 4% 2020 - 5%	Construction for the Northwest Police Campus was substantially completed at the end of 2018, with a previously anticipated Edmonton Police Service (EPS) in-service date of Q1 2019. Through the course of the 2018-2019 winter and into the spring of this year, the building experienced a number of roof leaks. Repair work is currently underway and an in-service date will be determined once the City is confident the roofing issues have been resolved.	Pay-As-You-Go - 12,990 Tax-Supported Debt - 98,660	-
12-20-0055 - Milner Library Renewal & Upgrades	82,333	97%	-	-	84,918	84,918	(1)	84,918	-	No	Jun-2013	Mar-2020	Mar-2020	Legacy	20%	0%	0%	PY - 63% 2019 - 37%	Construction on the Stanley Milner Library has reached 99% construction completion. Although construction of the library renovation is on track to be completed on time and on budget, the previously contemplated grand opening date of February 14, 2020, will be extended in order to deliver the necessary interior space improvements to complete the project. Edmonton Public Library staff have already moved into sections of the library and are working to fit-up and prepare for the reopening to the public.	Developer Financing - 200 Munc Sustain. Initiative - MSI - 16,420 Other Grants - Federal - 2,000 Partnership Funding - 9,800 Pay-As-You-Go - 2,600 Pay-As-You-Go - Library - 400 Provincial Grant - 2,000 Tax-Supported Debt - 51,498	-

Capital Profile *	Profile To-Date Actuals	% Spend	Adjusted Original Budget Develop	Adjusted Original Budget Deliver	Adjusted Original Budget (A)	Total Projection	Variance to Adjusted Original Budget (B)	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Project Phase	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
11-66-1673 - Valley Line LRT	1,085,337	62%	-	-	1,755,668	1,755,668	-	1,755,668	-	No	Mar-2012	Dec-2020	Dec-2020	Legacy	20%	0%	> 0%	<p>PY - 43% 2019 - 19% 2020 - 26% 2021 - 12%</p>	<p>Construction activities are underway along the entire corridor. Construction highlights include: construction of Churchill Connector in Churchill Square; construction of 102 Avenue and river bank portals; final tunnel liner construction; Tawatina Bridge and elevated guideway construction in the river valley; elevated guideway girder construction and installation at Davies site; Davies Station construction; operation and maintenance facility building construction; stop construction along the entire corridor; overhead catenary installation along 66 Street; track slab / rail installation / roadway construction along the entire corridor; and Light Rail Vehicle (LRV) final assembly in Kingston, ON.</p> <p>Significant project milestones were achieved including: - the delivery of four (4) LRVs to Edmonton for a total of seven (7) LRVs to date; - completion of the concrete liner of the southbound tunnel; - topping off concrete pours for the Tawatina Bridge tower; - placement of the elevated guideway span over 98 Avenue - all elevated guideway spans are now in place project wide; and, - re-opening of 95 Avenue to traffic on December 1, 2019</p> <p>Cumulative Schedule performance is 70% (to end of October 2019), as measured against TransEd's Baseline Construction Schedule. There is an increased risk of not achieving key milestone dates and the Target Service Commencement Date as set out in the Project Agreement.</p>	<p>Climate Leadership Plan - Prov - 175,700 Developer Financing - 3,391 Federal Bldg Canada Fund - 150,000 Federal P3 Canada Grant - 250,000 Green-trip - 424,420 LRT Reserve - 8,032 Munc Sustain. Initiative - MSI - 20,915 Other - 0 Other Reserve - 0 Pay-As-You-Go - 194 Provincial BCF - matching - 0 Tax-Supported Debt - 723,015</p>	-
16-66-7017 - Valley Line LRT: Downtown to Lewis Farms	111,523	4%	191,024	2,419,342	2,610,329	2,610,329	-	2,610,329	-	No	Jan-2017	Dec-2027	TBD	Legacy	20%	0%	0%	<p>PY - 2% 2019 - 2% 2020 - 4% 2021 - 4% 2022 - 13% 2023 - 19% 2024+ - 56%</p>	<p>The project is currently in procurement phase. The Design-Build-Finance Sourcing Event (Request for Qualification) process was launched on January 7, 2020. The release of Proponent shortlist and the Design-Build-Finance Request for Proposal (RFP) is planned for March 2020. Administration continues to move forward with early works to prepare for construction, including land acquisition, building removals, pre-construction building condition assessments and utility relocations. This work is scheduled to continue through 2020.</p>	<p>Climate Leadership Plan - Prov - 1,007,760 Developer Financing - 366 Federal - Investing in Canada Infrastructure Prgm - 948,560 Federal - Public Transit Infrastructure Fund - 13,801 Munc Sustain. Initiative - MSI - 7,012 Other Grants - Provincial - 6,901 Pay-As-You-Go - 4,650 Tax-Supported Debt - 621,280</p>	-
16-66-7013 - Metro Line LRT (NAIT - Blatchford) Extension	20,327	6%	40,500	310,850	351,350	351,350	-	351,350	-	No	Jan-2017	Dec-2025	Dec-2019	Legacy	20%	0%	0%	<p>PY - 4% 2019 - 2% 2020 - 13% 2021 - 28% 2022 - 36% 2023 - 13% 2024+ - 4%</p>	<p>The preliminary design is currently being finalized including packages for the Montrose LRV Storage Facility and retrofits to the D.L. MacDonald facility. The rezoning and subdivision process for the site immediately north of Wally Footz Field, which will be used for the Montrose LRV Storage Facility, is currently underway and is expected to be brought to council in Q1 2020.</p> <p>Procurement of a Construction Manager, who will provide preconstruction services through the detailed design phase and ultimately manage construction of the project, is currently underway.</p>	<p>Climate Leadership Plan - Prov - 127,200 Federal - Investing in Canada Infrastructure Prgm - 127,200 Federal - Public Transit Infrastructure Fund - 10,868 Munc Sustain. Initiative - MSI - 5,619 Other Grants - Provincial - 5,743 Pay-As-You-Go - 1,885 Tax-Supported Debt - 72,835</p>	-
16-66-7020 - LRT Prelim Design: Metro Line: Blatchford to Campbell Rd	23,111	96%	24,197	-	24,197	24,197	-	24,197	-	No	Oct-2016	Dec-2019	Dec-2019	Legacy	20%	0%	0%	<p>PY - 51% 2019 - 44% 2020 - 4% 2024+ - 1%</p>	<p>Final design packages, as well as complimentary studies, are currently being submitted for completion of the preliminary design for this project.</p> <p>Area Structure Plan amendment work within Rampart is being undertaken to account for the Northwest Operations and Maintenance Facility within Henry Singer Park.</p>	<p>Federal - Public Transit Infrastructure Fund - 12,075 Munc Sustain. Initiative - MSI - 5,833 Other Grants - Provincial - 5,562 Pay-As-You-Go - 728</p>	-
18-66-3514 - Capital Line LRT Heritage Valley Park and Ride Construction	28,108	94%	-	-	29,984	29,984	-	29,984	-	No	Jul-2017	Dec-2019	Dec-2019	Legacy	20%	0%	0%	<p>PY - 32% 2019 - 61% 2020 - 7%</p>	<p>Construction of the Heritage Valley Park and Ride was completed in December 2019, on time and on budget. The contractor will be completing minor seasonal deficiencies (landscaping) in the summer of 2020. ETS expects to commence transit operations in early 2020.</p> <p>Construction coordination with the 135 Street/Anthony Henday Drive Ramps project (which includes widening of Ellerslie Road between 127 Street and 135 Street) is ongoing, with no issues to date. Procurement of articulated buses is underway, with delivery expected for early 2020.</p>	<p>Federal - Public Transit Infrastructure Fund - 14,994 Munc Sustain. Initiative - MSI - 5,439 Other Grants - Provincial - 7,497 Pay-As-You-Go - 2,054</p>	-

## Integrated Infrastructure Services

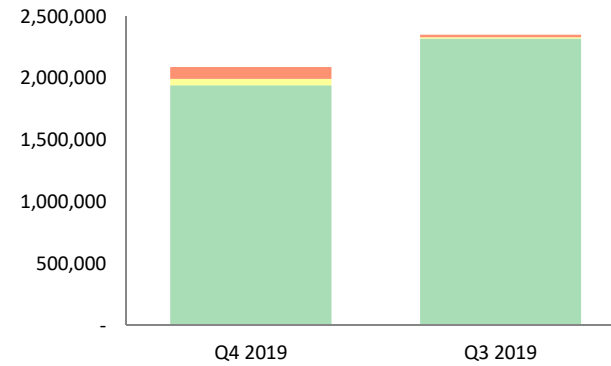
Q4 2019 Capital Performance (\$000's)

### Composite Profile Performance

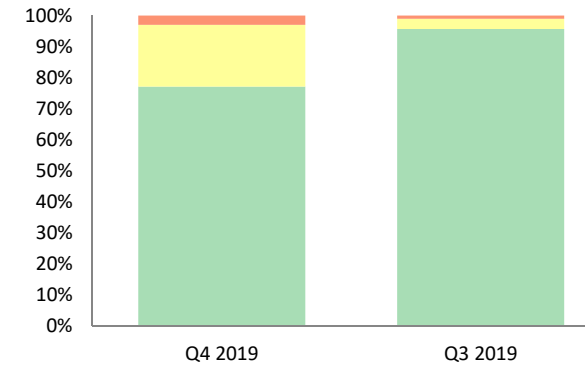
IIS has 42 composite profiles with Budget in the 2019 - 2022 Budget Cycle. Of those 42 profiles, 17 met the definition of a significant capital project, which include \$2.01 billion of approved active budget, providing 93.0% coverage of all the composite profiles IIS manages.

Many of these composite programs and projects are just getting started, with much of the current costs being captured in 2015-2018 composite profiles as ongoing projects are completed from that cycle. The following table provides high level details of each of the significant composite profiles purpose and an update on the current status.

Approved Budget \$ by Budget Status



% of Approved Budget by Schedule Status



Capital Profile	Profile To-Date		Total Projection	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Budget Status -		Schedule Status -		Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend					% within acceptable tolerance	% within acceptable tolerance	% of active budget				
CM-21-5800 - Great Neighbourhoods Initiative	28,812	54%	53,327	53,327	-	No	70%	70%	17%	PY - 51% 2019 - 49%	Pay-As-You-Go - 432 Tax-Supported Debt - 52,895	-	
Description	The Great Neighbourhoods Capital Program invests in Neighbourhood Revitalization, Building Great Neighbourhoods, and Business Development. From 2015-2018, the Great Neighbourhoods Initiative is investing in 4 Revitalization areas through streetscape projects in McCauley, Central McDougall/Queen Mary Park, 118 Ave, Jasper Place (Stony Plain Road), and partial funding for MacEwan West Campus (\$15M) as part of the Jasper Place area revitalization. Profile 15-21-7777 includes \$16M to fund the remainder of the building's purchase. 38 neighbourhoods have been identified for the work of Building Great Neighbourhoods from 2015-2022, coordinated with Drainage Renewal and Neighbourhood Renewal Projects. The work identified reflects the uniqueness of each neighbourhood and includes priorities identified by the community. Enhancements may include connections made to neighbourhood amenities and/or business areas, upgraded pathways, trees, benches, and improving business areas.												
Update	Projects to be funded from this composite are under development.												
CM-40-4040 - Building Great Neighbourhoods: Planning and Design - Growth	14	0%	4,190	4,190	-	No	100%	100%	0%	2019 - 7% 2020 - 19% 2021 - 19% 2022 - 55%	Pay-As-You-Go - 4,190	-	
Description	This composite program supports preliminary planning and design work on the enhancements to neighbourhoods for Building Great Neighbourhoods Infrastructure capital projects prior to budget approval. This approach is consistent with Administration's implementation of the Project Development & Delivery Model (PDDM), as well as the Capital Governance Policy that was approved by Council. Funding in the profile will be used to support project development (concept, preliminary planning and schematic design). This composite profile will develop projects that may move to delivery in the current budget cycle and into the start of the next budget cycle.												
Update	Projects to be funded from this composite are under development.												

Capital Profile	Profile To-Date		Total Projection	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Budget Status - Schedule Status -		% of active budget	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend					% within acceptable tolerance	% within acceptable tolerance				
CM-40-9000 - Building Great Neighbourhoods Delivery - Growth	-	0%	15,508	15,508	-	No	100%	100%	0%	2019 - 3% 2020 - 1% 2021 - 15% 2022 - 81%	Financial Stabilization Resrv. - 270 Pay-As-You-Go - 15,238	-
Description	This composite program supports the development and delivery of growth infrastructure projects by Building Great Neighbourhoods. The provision of funding for a placeholder delivery composite aligns with the corporate requirements of adopting the Capital Governance Policy (C591) and implementing the Project Development and Delivery Model (PDDM) and Project Management Reference Guide (PMRG) to enhance capital infrastructure project oversight.											
Update	Projects to be funded from this composite are under development.											
CM-99-9000 - Infrastructure Delivery - Growth	1,390	4%	34,509	34,509	-	No	100%	100%	1%	2019 - 0% 2020 - 43% 2021 - 33% 2022 - 24%	Financial Stabilization Resrv. - 255 Local Improvements Prop. Share - 0 MSI Replacement - 740 Munc Sustain. Initiative - MSI - 7,247 Other - 0 Pay-As-You-Go - 26,267	-
Description	Budget for growth projects currently approved for planning and design. Funding allocated by Council when projects achieve Checkpoint #3.											
Update	Projects to be funded from this composite are under development.											
CM-81-0005 - Waste Services IIS Infrastructure Planning and Design	1,931	56%	3,432	3,432	-	No	100%	100%	42%	2019 - 52% 2020 - 8% 2021 - 29% 2022 - 12%	Waste Mgt Retained Earnings - 3,432	-
Description	This composite profile supports the preliminary planning and design work completed by IIS Infrastructure Planning and Design Branch for Waste Services infrastructure capital projects with more significant scope and budgets.											
Update	Planning and design is progressing now that checkpoint #1 for projects has been achieved. MRF Renewal Project scope has been confirmed allowing project to progress through planning and design.											



Capital Profile	Profile To-Date		Total Projection	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Budget Status -		Schedule Status -		Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend					% within acceptable tolerance	% within acceptable tolerance	% of active budget				
CM-81-2045 - Waste Services IIS Infrastructure Delivery	73	0%	39,527	39,527	-	No	100%	100%	2%	2019 - 10% 2020 - 30% 2021 - 52% 2022 - 8%	Self-Liquidating Debentures - 39,527	-	
Description	The composite profile holds funding for Waste Services capital projects that are intended to be delivered by IIS - Infrastructure Delivery Branch in the 2019 - 2022 capital budget cycle. The scope includes the detailed design, construction and project closeout stages for Waste infrastructure projects with more significant scope and budgets.												
Update	Projects progressing through planning and design will commence delivery expenditures in Q3 and Q4 2020. HSADF Post Commissioning Upgrades are progressing through construction and commissioning coordination is underway.												
CM-99-0060 - Yellowhead Trail Freeway Conversion: Project Development	26,279	8%	322,356	322,356	-	No	100%	100%	29%	2019 - 19% 2020 - 16% 2021 - 37% 2022 - 21% 2023 - 4% 2024+ - 3%	Federal Bldg Canada Fund - 16,438 Pay-As-You-Go - 8,698 Tax-Supported Debt - 297,220	-	
Description	This composite program supports concept planning and preliminary design work on the Yellowhead Trail Freeway Conversion Program. Identified in the City's proposed 2019- 2022 Capital Budget as a transformational project, the freeway conversion program will upgrade Yellowhead Trail to improve the safety, operational capacity and level of service for this key intercity, inter-regional and inter-provincial goods movement corridor. The Program includes a number of projects in support of upgrading Yellowhead Trail to a freeway. The Yellowhead Trail freeway will consist of six core lanes with a target operating speed of 80 km/hr.												
Update	Projects funded from this composite are in various stages of development. Current projects include the St. Albert to 97 Street planning study, the Yellowhead Trail/66 Street Area planning study, the 156 Street to St. Albert Trail project and the Fort Road Wideing project. Land acquisitions for the freeway conversion is also funded by this composite, and is progressing as the projects advance.												
CM-99-9600 - Yellowhead Trail Freeway Conversion: Project Delivery	15,084	2%	680,302	680,302	-	No	100%	100%	3%	2019 - 3% 2020 - 6% 2021 - 7% 2022 - 11% 2023 - 18% 2024+ - 56%	Federal Bldg Canada Fund - 225,145 Provincial BCF - matching - 241,584 Tax-Supported Debt - 213,573	-	
Description	This composite program supports detailed design and construction work on the Yellowhead Trail Freeway Conversion Program. Identified in the City's proposed 2019-2022 Capital Budget as a transformational project, the freeway conversion program will upgrade Yellowhead Trail to improve the safety, operational capacity and level of service for this key inter-city, inter-regional and inter-provincial goods movement corridor. The Program includes a number of projects in support of upgrading Yellowhead Trail to a freeway. The Yellowhead Trail freeway will consist of six core lanes with a target operating speed of 80 km/hr.												
Update	Projects to be funded from this composite are in various stages of development. Current projects include the 123 Avenue, 125A Avenue, 128 Avenue Roadway Improvement projects and the Yellowhead Trail East Widening project.												

Capital Profile	Profile To-Date		Total Projection	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Budget Status - Schedule Status -		% of active budget	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend					% within acceptable tolerance	% within acceptable tolerance				
CM-12-0000 - Facility: Service Delivery - Renewal	4,476	3%	162,259	162,259	-	No	91%	91%	3%	2019 - 8% 2020 - 19% 2021 - 35% 2022 - 38%	MSI Replacement - 40,078 Munc Sustain. Initiative - MSI - 78,613 Pay-As-You-Go - 43,568	-
Description	<p>To continue to maintain City owned facilities in a safe and functional condition, and to ensure that a high level of service is provided to the citizens of Edmonton. Where applicable, opportunities to improve the energy efficiency and reduce the GHG emissions will be incorporated into rehabilitation projects.</p> <p>This profile provides funding for the rehabilitation work associated with the service delivery facilities within the city which may include, but not limited to, Recreational and Leisure Centers, Public attractions, and other Service Delivery facilities. The scope of work will include upgrades to and replacement of major components within the mechanical, electrical and structural services which includes structural deficiencies and roofing systems. The facilities are ranked based on criteria developed by Lifecycle Management using the Building Condition Assessment reports and the Building Maintenance Decision Support System.</p> <p>In addition, this profile is to reduce energy consumption and GreenHouse Gas (GHG) emissions to contribute to the City's goal to reduce the its GHG emissions by 50% by 2030</p>											
Update	<p>With the improved resourcing of LCM during Q3 the majority of projects under CM-12-0000 is now post-checkpoint #1 with the outstanding projects planned for checkpoint one within Q1. Expenditure within 2019 linked to previous budget cycles projects almost completely rectified.</p> <p>Stream of projects progressing to checkpoint #3 and beyond has been improving in Q4 and is expected to ramp up in early 2020.</p> <p>Expenditure will also increase with more projects moving post-checkpoint #3 and into delivery in 2020.</p>											
CM-11-0000 - Facility: Safety and Security - Renewal	2,098	7%	29,379	29,379	-	No	100%	100%	1%	2019 - 9% 2020 - 18% 2021 - 29% 2022 - 43%	MSI Replacement - 11,477 Munc Sustain. Initiative - MSI - 14,978 Pay-As-You-Go - 2,924	-
Description	<p>To continue to maintain City-owned facilities in a safe and functional condition, and to ensure that a high level of service is provided to the citizens of Edmonton. Where applicable, opportunities to improve the energy efficiency and reduce the GHG emissions will be incorporated into rehabilitation projects.</p> <p>This profile provides funding for the rehabilitation work associated with the safety and security facilities within the city, which may include, but is not limited to, Fire Stations and Police Stations. The scope of work will include upgrades to, and replacement of major components within the mechanical, electrical, architectural, and structural systems, which includes structural deficiencies and roofing systems. The facilities are ranked based on criteria developed by Lifecycle Management using the Building Condition Assessment reports and the Building Maintenance Decision Support System.</p> <p>Additionally, this profile will also explore opportunities to reduce energy consumption and Greenhouse Gas (GHG) emissions to contribute to the City's goal to reduce its GHG emissions by 50% by 2030 from 2005 level. Utilizing the facility renewal program to implement energy retrofits provides an opportunity to realize significant energy efficiency upgrades in existing facilities.</p>											
Update	<p>With the improved resourcing of LCM during Q3 the majority of projects under CM-12-0000 is now post-checkpoint #1 with the outstanding projects planned for checkpoint one within Q1. Expenditure within 2019 linked to previous budget cycles projects almost completely rectified.</p> <p>Stream of projects progressing to checkpoint #3 and beyond has been improving in Q4 and is expected to ramp up in early 2020.</p> <p>Expenditure will also increase with more projects moving post-checkpoint #3 and into delivery in 2020.</p>											

Capital Profile	Profile To-Date		Total Projection	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Budget Status - Schedule Status -			Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend					% within acceptable tolerance	% within acceptable tolerance	% of active budget			
CM-13-0000 - Facility: Service Support - Renewal	4,234	8%	50,809	50,809	-	No	100%	100%	4%	2019 - 5% 2020 - -5% 2021 - 38% 2022 - 62%	MSI Replacement - 20,119 Munc Sustain. Initiative - MSI - 26,729 Pay-As-You-Go - 3,961	-
Description	<p>To continue to maintain City owned facilities in a safe and functional condition, and to ensure that a high level of service is provided to the citizens of Edmonton. Where applicable, opportunities to improve the energy efficiency and reduce the GHG emissions will be incorporated into rehabilitation projects.</p> <p>This profile provides funding for the rehabilitation work associated with the service support facilities within the city which may include, but not limited to, Fleet garages, office buildings, armouries, and other support admin and park facilities. The scope of work will include upgrades to, and replacement of major components within the mechanical, electrical and structural systems which includes structural deficiencies and roofing systems. The facilities are ranked based on criteria developed by Lifecycle Management using the Building Condition Assessment reports and the Building Maintenance Decision Support System.</p> <p>In addition, this profile is to reduce energy consumption and GreenHouse Gas (GHG) emissions to contributes to the City's goal to reduce the its GHG emissions by 50% by 2030</p>											
Update	<p>With the improved resourcing of LCM during Q3 the majority of projects under CM-12-0000 is now post-checkpoint #1 with the outstanding projects planned for checkpoint one within Q1. Expenditure within 2019 linked to previous budget cycles projects almost completely rectified.</p> <p>Stream of projects progressing to checkpoint #3 and beyond has been improving in Q4 and is expected to ramp up in early 2020.</p> <p>Expenditure will also increase with more projects moving post-checkpoint #3 and into delivery in 2020.</p>											
CM-22-0000 - Transportation: Goods Movement - Arterial Renewal	22,227	17%	131,809	131,809	-	No	60%	100%	2%	2019 - 24% 2020 - 22% 2021 - 26% 2022 - 28%	MSI Replacement - 31,730 Munc Sustain. Initiative - MSI - 76,957 Pay-As-You-Go - 23,122	-
Description	<p>The Goods Movement Arterial Renewal Program outlines a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.</p>											
Update	<p>Reconciliations of costs and Budgets for the profile from previous cycles was completed and sent. Hence the YTD at the Portfolio level is up to date. Once reconciliations are completed at the Profile level, it should reflect the YTD Actuals for 2019 which is \$39,640,876.00. LCM-TAM currently has 22 Projects in Pre Check Point 1 phase which has budgets but no actuals at Q4. This will increase expenditures and Actuals within the first quarter of 2020. Overall portfolio performance based on 2019 Projected and Actual spend is 103%. Portfolio cost progress performance ( Budget Cycle spend till date is at 26.7%)</p>											
CM-24-0000 - Transportation: Bridges & Auxiliary Structures - Renewal	1,782	2%	73,181	73,181	-	No	100%	100%	10%	2019 - 7% 2020 - 15% 2021 - 34% 2022 - 45%	MSI Replacement - 21,356 Munc Sustain. Initiative - MSI - 32,141 Pay-As-You-Go - 19,684	-
Description	<p>The physical condition of an asset is an assessment made at a specific moment in time. Over the past 10 years, the physical condition of the city-wide assets in good and very good condition has seen an upward trend. Much of this can be attributed to the addition of new assets (growth), which would naturally raise the overall average physical condition. It's for this reason that a better measure of the effectiveness of the City's renewal programs is the percentage of assets in poor and very poor condition. This has ranged from 16 percent in 2007 to 12 per cent in 2016. This equates to more than one in every ten assets being in poor or very poor condition. While the trend over the past 10 years indicates a gradual improvement in the condition of the assets, there are problem areas requiring continuing attention.</p> <p>The Bridge and Auxiliary Structure Renewal composite program outlines a cost effective long term and strategic approach to address Edmonton's Infrastructure needs and the renewal of bridges, culverts, retaining walls, sound walls and traffic barriers.</p>											
Update	<p>Reconciliations of costs and Budgets for the profile from previous cycles were completed and sent. This includes the Duggan Bridge Replacement cost of \$148,703.00 that needs to move to the new profile as a 2019 spend. This amount is already included in the portfolio reporting. The YTD actuals is \$27,783,175.95. This amount represents 75% of the 2019 projected spend against the Actual spending. There are 7 outstanding projects still in Assessment in 2019 with budgets but the Actuals are not reflective of the overall budget. These projects will transition into Design in 2020 and will improve the planned –actual budget numbers. However, Portfolio Cost Progress performance is 22.28%. 8 projects are ready to be transitioned into CP1 within the Q1 of 2020.</p>											

Capital Profile	Profile To-Date		Total Projection	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Budget Status -		Schedule Status -		Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend					% within acceptable tolerance	% within acceptable tolerance	% of active budget				
CM-21-0000 - Transportation: Public Transit - Renewal	413	1%	42,212	42,212	-	No	100%	100%	24%	2019 - 10% 2020 - 20% 2021 - 30% 2022 - 40%	MSI Replacement - 13,508 Munc Sustain. Initiative - MSI - 23,262 Pay-As-You-Go - 5,442	-	
Description	<p>This profile provides for the renewal of the existing public transit systems, equipment and associated infrastructure, incorporating new technology, design codes and City standards as required. This profile includes renewal and minor upgrades of LRT facilities, structures, ancillary equipment, LRT tunnels, bridges and track &amp; right-of-way elements, crossings and turnouts, transit centres, busways and bus stops, system wide wayfinding and barrier free access renewals. Critical projects include addressing safety, security and accessibility issues, track tie and fixation replacement, Backup power and generator systems replacements, elevator and escalator renewals and tunnel/station life safety systems replacements.</p> <p>High priority projects include LRT track turnout replacements, replacement of bus stop pads at end of life, renewal of bus transit centre components, park &amp; ride lot and busway renewal, replacement of mechanical, electrical and building systems equipment in the LRT and bus stations, leakage control, bus stop pad renewal, substations structures, washrooms, sprinkler systems and wayfinding renewals to meet the corporate standard. This profile is one of seven profiles dealing with the renewal of transit infrastructure.</p> <p>Totalled together, they present a complete package of funding for investment in transit within Edmonton.</p>												
Update	<p>9 projects transitioned into CP1 towards the end of 2019. These projects totalled \$1,115,000. They have budgets but no cost in them. Hence the Actual spending for 2019 YE is \$413k. This amount represented 9.8% of the planned budget to actual expenditures in 2019. It shows a Portfolio Cost Progress performance of less than 1%. However, Once these 9 projects are fully expended in Q1 of 2020 the cost performance will increase to 3.37% portfolio Cost Progress.</p>												
CM-25-0000 - Transportation: Neighbourhoods - Renewal	40,173	11%	371,260	371,260	-	No	97%	93%	13%	2019 - 22% 2020 - 19% 2021 - 26% 2022 - 34%	Local Improvements Prop. Share - 24,594 Neighborhood Renewal Reserve - 346,666	-	
Description	<p>The Neighbourhood Renewal Program and Alley Renewal Program outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of alleys, roads, sidewalks, and streetlights in existing (including industrial) neighbourhoods.</p>												
Update	<p>At 24% spend at YE 2019, we are very close to our original projection of 25% spend at this time. Projects are well underway to continue this trend in 2020. At the portfolio level the planned budget to the actual spends in 2019 is 95% and this includes the Neighbourhood Alley Renewal with a total expenditure of \$151, 560,895.34. This amount includes the Standalone Profiles that were created within the Profile in 2019. However, there is a need to reconcile the cost and budget in the Stand alone profiles to separate the budget that were supposed to be allocated to the NRP, Active Modes and other profiles that currently sits in the Stand alones. 33 projects currently sits at Pre Check Point 1 on this profile and these are expected to quickly transitioned into costs before the end of Q1 2020.</p>												
CM-34-0000 - Open Space: Environmental - Renewal	1,804	6%	31,037	31,037	-	No	100%	80%	14%	2019 - 25% 2020 - 25% 2021 - 25% 2022 - 25%	Developer Financing - 6,053 MSI Replacement - 5,925 Munc Sustain. Initiative - MSI - 16,974 Pay-As-You-Go - 2,086	-	
Description	<p>The Environmental Renewal Composite provides funding to support the Geotechnical Landslide and Erosion Repair and Protection Projects, as well as Contaminated Site Remediation and Exposure Control.</p>												
Update	<p>Ongoing variance relative to proposed budgets is anticipated for this Profile wherein the projects are inherently unforeseen and emergent. Also, project costs currently still largely reflect planning and design phases with some delay until higher cost delivery stages are reached or completed. Moreover, it appears that some project costs remain directed toward the previous budget cycle program and may not be fully captured here.</p>												

Capital Profile	Profile To-Date		Total Projection	Approved Budget	Variance to Approved Budget	Budget Adjustment Required	Budget Status - Schedule Status -		% of active budget	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend					% within acceptable tolerance	% within acceptable tolerance				
CM-32-0000 - Open Space: Parks - Renewal	1,081	3%	43,168	43,168	-	No	100%	100%	14%	2019 - 13% 2020 - 22% 2021 - 38% 2022 - 27%	MSI Replacement - 5,363 Munc Sustain. Initiative - MSI - 24,975 Partnership Funding - 37 Pay-As-You-Go - 12,793	-
Description	The Parks Renewal Composite provides funding to support the renewal requirements of city park assets on table lands outside the River Valley including but not limited to underground utilities, play space structures (renewal of play equipment, spray parks and skateboard parks to addresses code changes, unsafe equipment and worn out play features), site amenities (eg. tables, seating and signage), sport fields and fixtures (to refurbish worn out and heavily used neighbourhood and district sports fields), running tracks, artificial turf fields and fixtures, and access systems (trails, staircases, roads and parking lots) on neighbourhood and district parks. The projects undertaken within the program extend the life of existing capital assets, reduce longer term repair costs, and correct potential or impending safety concerns within the parks system. Renewal projects for parks, park amenities, parkland utilities and park access features are eligible for funding. Projects are generally required in order to improve condition; meet user requirements; reduce/prevent injuries, maintenance costs and closures.											
Update	\$2,932,928 worth of expenditures in 2019 booked to CM-21-8510 Parks Conservation from previous budget cycle, which will be rectified at Year End. Spending for new (2019-2022) projects limited as many projects reached CP 1 in Q3/Q4, or are in Design Phase (CP 1 to CP 3). Some project delivery were delayed due to inclement weather during the construction season.											

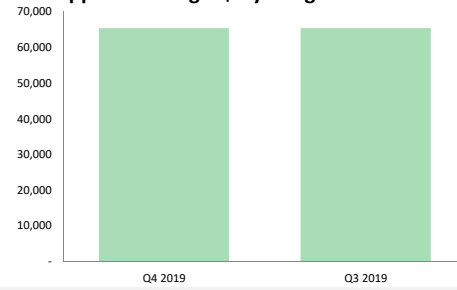
**City Operations**

Q4 2019 Capital Performance (\$000's)

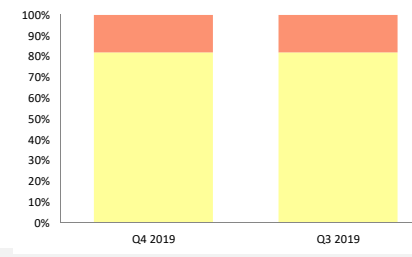
**Standalone Profile Performance**

City Operations department is currently managing 11 standalone capital profiles with remaining approved budget of \$64.3 million. The majority of the remaining approved budget is contained in the 2 standalone profiles listed in the table below.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date Actuals	% Spend	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
13-66-1294 - Transit Smart Fare System (Smart Card)	21,997	41%	53,536	53,536	-	No	Oct-2013	Dec-2020	Aug-2021	20%	-100%	8%	PY - 24% 2019 - 17% 2020 - 50% 2021 - 9%	Project expenditures expected to occur in 2020. An in-private report will be going to City Council in Q1 2020 to provide a further update on the Smart Fare System.	Alberta Community Partnership - ACP - 5,519 Green-trip - 28,030 Munc Sustain. Initiative - MSI - 11,453 Partnership Funding - 5,991 Pay-As-You-Go - 2,544	-
14-66-2570 - Parking Control Technology	8,776	74%	11,794	11,794	-	No	Aug-2014	Dec-2015	Dec-2021	20%	-100%	418%	PY - 69% 2019 - 6% 2020 - 13% 2021 - 13%	This project is comprised of the following phases: Phase 1 - Implementation of E-park pay machines (Completed 2016); Phase 2 - Licence plate recognition technology for automated parking enforcement (Construction completed in 2019. Awaiting approval to begin service); Phase 3 - Automated parking enforcement system in operation (Currently in development) ; Phase 4 - Parkade digital displays to identify real time stall vacancy in facilities (Currently in Planning); Phase 5 - Electronic parking permissions for monthly parking, residential permit parking, and commercial parking permits Phase 6 - Updating pay stations in accordance with PCI compliance (VISA chip retrofit)  Unforeseen delays required a \$3,700,000 carry forward into 2019 for: License plate recognition technology, parking digital displays, automation of Residential Parking Program, development of self managed parking permissions.  Remaining spending is anticipated for: - Communications (Accessibility marketing and Coms to citizens) - Parking Guidance (Digital Signs) - Electronic Permissions to Park (initial work) - Pay station update for PCI compliance	Other - 11,794	-

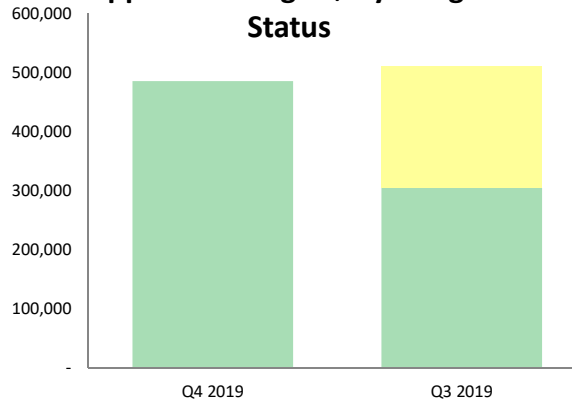
**City Operations**

Q4 2019 Capital Performance (\$000's)

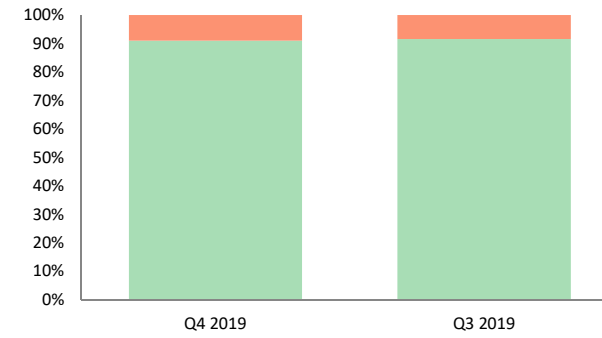
**Composite Profile Performance**

The majority of City Operations departments capital budget is contained in composite profiles. City Operations is currently managing 29 composite profiles (excluding Utilities profiles) with just under \$500 million of remaining approved budget. Of those 29 profiles, 4 were considered significant providing 74% coverage over the remaining approved budget within City Operations composite profiles.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date Actuals	% Spend	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
CM-66-3600 - Bus Fleet & Equipment Rehab & Replacement	78,328	33%	239,287	239,287	-	No	Feb-2015	Dec-2022	Dec-2022	20%	0%	0%	PY - 27% 2019 - 6% 2020 - 36% 2021 - 16% 2022 - 16%	Federal Gas Tax Fund - 54,299 MSI Replacement - 18,065 Munc Sustain. Initiative - MSI - 125,882 Pay-As-You-Go - 41,041	-
Description	Replacement and mid-life refurbishment of existing bus fleet. Replacement is based on expected useful life; mid-life refurbishments are required to extend service to the estimated useful life.														
Update	(35) 60' diesel buses are expected in Q1, 2020, and (92) 40' diesel buses are expected by Q4, 2020. The number of diesel unit replacements have been reduced by 54 in the current budget cycle, in order to fund 19 formerly ACT-funded electric buses and related infrastructure.														
CM-66-3608 - Electric Buses (25)	5,673	13%	43,735	43,735	-	No	Sep-2016	Mar-2019	Aug-2020	20%	0%	52%	PY - 6% 2019 - 7% 2020 - 87%	Federal - Public Transit Infrastructure Fund - 21,863 Munc Sustain. Initiative - MSI - 9,434 Other Grants - Provincial - 10,882 Pay-As-You-Go - 1,556	-
Description	Purchase and introduction of battery-powered electric buses into Edmonton Transit Services' fleet. Utilizing all of the funding allocated for Bus Fleet Growth (CM-66-3601), 25 electric buses can be purchased at a projected unit cost of \$1.2M per bus. Up to 40 electric buses would be purchased if a favourable price per unit is obtained in the successful proposal through the procurement process.														
Update	First production buses arrive February 14th, 2020; however Kathleen Andrews Garage is lagging and won't be ready until June/July 2020 for in-service buses. With PTIF 75% Project Complete date now August 31st, 2020 there will be a delay to delivery and in-service of electric buses in Edmonton (largely to afford completion of Contractual Testing (per D929211 Master Agreement) and installation of charging infrastructure at Kathleen Andrews.														
CM-25-1001 - Vehicle and Equipment Replacement	93,184	51%	182,848	182,848	-	No	Jan-2015	Dec-2022	Dec-2022	20%	0%	0%	PY - 38% 2019 - 13% 2020 - 22% 2021 - 14% 2022 - 14%	Fleet Services Replacement Rsv - 182,691 Pay-As-You-Go - 157	-
Description	This composite project includes the total replacement cost of City Department fleets, which are within the Fleet replacement fund.														
Update	2019 spending represents approximately 20% of the value of the 2019-2022 replacement plan. Client holds, deferrals and outstanding approvals as well as long lead times for delivery of some assets (i.e. Waste Refuse Truck Bodies; Dump/Sanders/Plows; Fire Pumper Trucks) have delayed project delivery. With said delays, the profile cash flows have been adjusted over the remaining three years of the budget cycle to more closely coincide with estimated procurement activities.														
CM-66-2566 - LED Streetlight Conversion	4	0%	20,000	20,000	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2020 - 40% 2021 - 30% 2022 - 30%	Tax-Supported Debt - 20,000	-
Description	LED conversion program was recognized with the Charles Labatiuk Award for its contribution to environmental stewardship in 2014, and nominated 2012. This project seeks to replace 46,000 high pressure sodium luminaires, low hanging fruit, with LED in order to contribute to environmental stewardship (lower greenhouse gas emission), financial savings (maintenance and power), and innovation (use of technologies). The profile contributes to the overall City's GHG Management Plan.														
Update	This profile is new for the 2019 - 2022 capital budget cycle and is currently in the planning stages.  Delayed work due to shortage of staffing. 1,600 locations awarded in Q4 of 2019. Installation and costs will occur in Q1-Q2 2020. Competitive bid for consultants is expected to completed by end of Q2 2020. Street lighting staff are projecting to complete the majority of the work in 2021.														

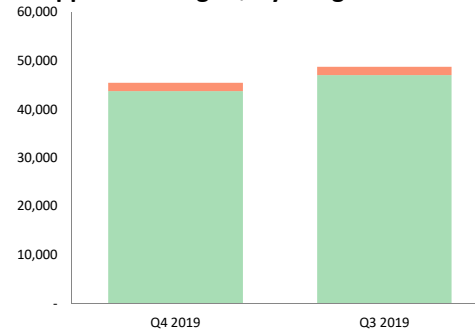
**Financial and Corporate Services**

**Q4 2019 Capital Performance (\$000's)**

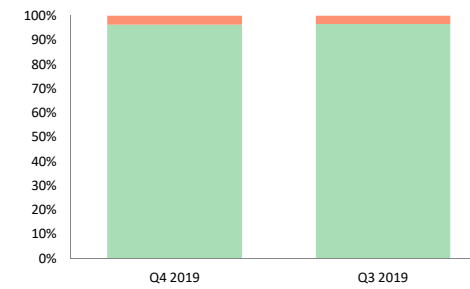
**Standalone Profile Performance**

Financial and Corporate Services departments capital primarily consists of information technology and real estate projects. There are 7 standalone profiles being managed by the department totaling \$56 million of approved budget. Of those 7 profiles, 4 met the definition of a significant project and are reported in the table below.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date Actuals	% Spend	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
19-18-1901 - Information Security and Disaster Recovery Enhancements	4,759	50%	9,438	9,438	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2019 - 50% 2020 - 20% 2021 - 15% 2022 - 15%	Information Security and Disaster Recovery Enhancements are progressing and are forecasted to be on budget within the four-year cycle.  Over the past nine months, significant efforts have been applied to understand the City's information security risk exposure. To mitigate these risks, the City's Corporate Information Security Office (C-ISO) has revised the strategic plan and roadmap.  Since some of the expenses related to security services can not be capitalized for accounting purposes, the associated budget (\$3.2M) was transferred from the capital to operating through the 2019 Fall Supplementary Capital Budget Adjustments (SCBA).  While some projects related to the Information Security roadmap are in progress, the Century Place Data Center (CPDC) Move has been completed, and two Business Cases have been completed: "Implementation of Endpoint Security to control unauthorized software within our environment" and "Web Application Vulnerability Assurances to protect Internet Facing Applications from active threats."	Pay-As-You-Go - 9,438	-
19-18-1903 - Recreation and Attractions Management (RAMS) Program	1,355	60%	2,253	1,707	(546)	Yes	Jan-2019	Dec-2019	May-2020	20%	32%	34%	2019 - 60% 2020 - 40%	The Recreation and Attractions Management System (RAMS) Program is progressing according to the revised plan.  In August 2019, the program team requested a schedule extension of 5 months along with a budget increase to accommodate outstanding development originally within scope, account for delays in schedule as a result of key business needs and bring the RAMS Golf module live for the start of the season (rather than in December during the off-season).  These revisions to the plan and schedule resulted in the originally scheduled closure date of December 31st, 2019 moving to the 31st of May, 2020. To complete and close off the program, additional funding of \$835,000 was requested through a change request. Through additional analysis, it was identified that of the \$835,000 requested, \$271,380 was actually operating costs. The remainder \$563,620 was still needed of which \$60,000 is already within the RAMS Profile and \$503,620 needs to be added to the RAMS profile. It will also be requested, through an additional change request, to add \$41,750 of contingency to this project. Therefore, \$545,370 will be added through the 2020 Spring Supplementary Capital Budget Adjustment (SCBA) as an administrative adjustment, to this capital profile.  The program team continues to work closely with the vendor to fully implement the system, which includes the replacement of the golf module. The final phase of design, development and testing is well underway.	Pay-As-You-Go - 1,707	-
19-18-1904 - Enterprise Systems Transformation Program (Phase 1)	-	0%	30,000	30,000	-	No	Jul-2019	Jul-2021	Jul-2021	20%	0%	0%	2020 - 24% 2021 - 76%	On June 04, 2019, The Enterprise Systems Transformation Program (ESTP) was approved \$30 Million for Phase 1. Since this approval Administration has determined a software solution provider and has initiated the procurement for a system integrator to undertake program implementation. The new solution acquisition is planned to begin in Q1 of 2020. The City has also negotiated a ramp up and ramp down and therefore, the City will not begin paying the full cost of the required ESTP software solution until 2021. The organizational and governance structure for the ESTP was approved in Q4 of 2019 with approval to commence hiring key positions for Q1 of 2020 in anticipation of the system integrator program implementation commencing in Q2 of 2020.	Pay-As-You-Go - 30,000	-
19-51-1904 - Next Generation 9-1-1 (NG911) IP Call Handling	104	2%	4,293	4,293	-	No	Jun-2019	Dec-2022	Apr-2021	20%	0%	0%	2019 - 2% 2020 - 79% 2021 - 19%	The Next Generation 9-1-1 (NG911) IP Call Handling project is progressing according plan. The request for proposal (RFP) has been posted. EPS Materials Management has scheduled tentative RFP review and evaluation scoring sessions for March 2020.  The risk of the project being delayed further due to the RFP's development has passed. However, the impact that the delay in issuing the RFP will have on the overall project schedule will not be known until the IP Call Handling solution has been selected. Once this step is complete, then the impact to the schedule will be reassessed.	Pay-As-You-Go - 4,293	-



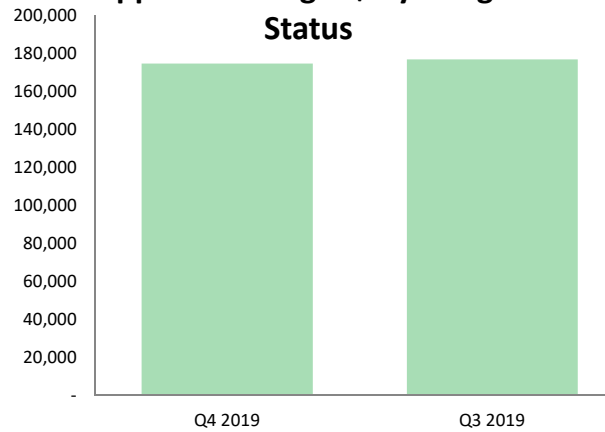
## Financial and Corporate Services

Q4 2019 Capital Performance (\$000's)

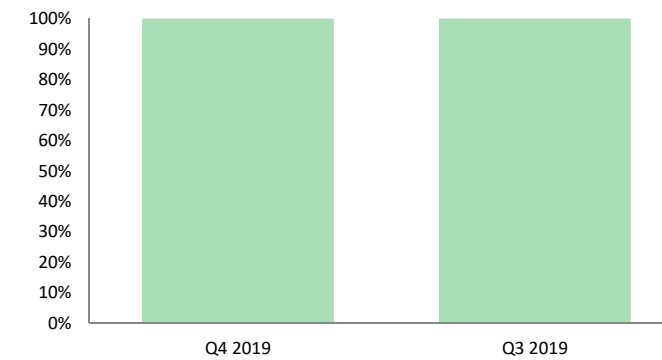
### Composite Profile Performance

Financial and Corporate Services is managing 12 composite profiles consisting of 4 Open City and Technology profiles and 8 Real Estate profiles. Of those 12, 7 were considered significant for reporting and are listed below.

Approved Budget \$ by Budget Status



% of Approved Budget by Schedule Status



Capital Profile	Profile To-Date Actuals	% Spend	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
CM-18-1510 - Technology Applications - Renewal	650	5%	12,340	12,340	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2019 - 5% 2020 - 31% 2021 - 33% 2022 - 32%	Pay-As-You-Go - 12,340	-
Description	This profile encompasses the work required to manage and maintain the City's existing technology applications. These investments provide the necessary and ongoing renewal, upgrades or replacements, thus allowing business areas across the City to deliver diverse programs and services to Edmontonians and employees alike.														
Update	<p>This composite profile's current under-expenditure is expected to be offset by the planned work to sustain existing applications and is expected to be on budget within the 4-year capital cycle..</p> <p>Over the past year, significant efforts have been applied to re-strategize the breakdown of application sustainment projects. This effort has now been completed and the roadmap was approved through the governance process in the fall of 2019. Now that the roadmap has been approved work has commenced and additional work will commence in 2020.</p> <p>Large sustainment application projects that have commenced are: CCure Application Redundancy, POSSE 7.3.1 Upgrade, POSSE - Microsoft Office removal, and SAP - Solution Manager Upgrade.</p>														
CM-18-1515 - Technology Infrastructure - Renewal	5,516	27%	20,436	20,436	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2019 - 27% 2020 - 32% 2021 - 17% 2022 - 24%	Pay-As-You-Go - 20,436	-
Description	This profile includes the foundational work required to manage and maintain the City's physical technology infrastructure. Technology infrastructure includes all the physical hardware and related software used to support and connect computers and users. Upgrades to technology infrastructure ensure that adequate capacity and capability are available as the City continues to experience rapid growth in the use of data, information and technology.														
Update	<p>Projects within this composite profile are progressing as planned and are forecasted to be on budget within the 4-year capital cycle. Eighteen projects related to Networks Services, Voice Mobility &amp; IoT, Server Solutions, Network fibre construction &amp; relocation, Data Center Facilities, Asset Management, Database/Storage Management are in progress on schedule and on budget. Four projects were completed in 2019.</p> <p>Highlights of accomplishments within this profile include upgrade and evergreen the City's computing infrastructure to optimally supported level and capacity. Developing and maturing operation dashboards with Tableau. Optimization for cloud management and automation with vRealize Operations. Replacement of tape backup with cloud storage solution.</p> <p>Implementation of Cisco Hyperflex &amp; Tetration environment to improve security for City's application and provide the foundation for a zero-trusted segmentation the Cisco ACI network environment.</p> <p>Implementation of Flexera, a comprehensive software and hardware asset management solution. It allows for software rationalization, optimize license utilization and produce cost savings as a result.</p> <p>Implementation of a LoRaWAN network infrastructure for IoT (Internet of Things) and supported a successful proof of concept project with moisture sensor to optimizing flower planter watering schedule. It is anticipated this platform will evolve and grow with more business use case applications and achieving the City's Smart City goal.</p> <p>Implementation of Opsgenie - an oncall and alert management system to provide the oncall support staff an improved tool in management notification and escalation.</p>														

Capital Profile	Profile To-Date		Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend													
CM-18-1517 - Technology Planning - Growth	246	46%	530	530	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2019 - 46% 2020 - 30% 2021 - 24%	Pay-As-You-Go - 530	-
Description	This composite profile provides the necessary funding for planning and business case development activities for projects which are either mandated/legislated, or represent corporate-wide technology initiatives such as the Enterprise System Transformation (EST) Program. To ensure maximum value is provided to the organization, the resulting plans and business cases will follow the new, streamlined governance model, and will be evaluated for priority to receive additional funding for project implementation. Approval of this composite ensures funding is allocated for developing business cases for a select group of projects which address mandated/legislated requirements as well as tangible, important, underlying corporate needs.														
Update	This composite profile is progressing as planned and is forecasted to be on budget.  The business case for the Enterprise System Transformation Program (ESTP), Learning Management System, and The Next Generation 9-1-1 (NG911) IP Call Handling have been completed and approved. Since expenses related to the development of these business cases can not be capitalized for accounting purposes, the associated budgets (\$435k) were transferred from capital to operating through the 2019 Fall Supplementary Capital Budget Adjustment (SCBA).  The edmonton.ca Replacement Project experienced delays due to scope adjustments and reviews. As a result, the project team requested a 3 month extension to complete the procurement of the new web hosting technology and services.  The budget will be transferred from the Technology Implementation Growth profile through the 2020 Spring Supplementary Capital Budget Adjustment.														
CM-18-1514 - Technology Implementation - Growth	1,245	17%	7,303	7,303	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2019 - 17% 2020 - 48% 2021 - 18% 2022 - 18%	Pay-As-You-Go - 7,303	-
Description	This profile funds the implementation phase of approved technology projects, including the acquisition, implementation, testing and training activities for or related to those projects. All projects funded from this profile will require a business case that is reviewed and approved under the Business Technology Governance process to ensure that they are strategically aligned with Council's Strategic Vision, provide demonstrable value, enable the delivery of City programs and services, and are sustainable for long-term use.														
Update	This composite profile is progressing as planned and is forecasted to be on a budget by the end of the cycle.  The eServices Stream 4, CAD 9.4 Full Upgrade, Inspector Mobility and Optimization, and Contractor Pre-Qualification projects are currently in execution and are forecasted to be on budget for a total of \$5.46M.  The Learning Management System project is implementing a Software as a Service (Saas) solution, which cannot be capitalized for accounting purposes. The budget (\$228k) was transferred from the capital to operating through the 2019 Fall Supplementary Capital Budget Adjustment (SCBA).  The edmonton.ca Replacement Project remains in the planning phase due to delays. Contract negotiation is in progress with the selected vendor. Technology transition and expenditure of the implementation budget is expected to proceed before June 2020.														
CM-16-2020 - Residential/Mixed-Use Land Development (Abeyance)	14,737	23%	63,092	63,092	-	No	Jan-2015	Dec-2022	Dec-2022	20%	0%	0%	PY - 27% 2019 - 23% 2020 - 19% 2021 - 22% 2022 - 9%	Land Fund Retained Earnings - 63,092	-
Description	This profile is used to fund ongoing land development project work by Enterprise Land Development to create residential and mixed use lots for public sale.														
Update	This profile is intended for residential/mixed-use lot development. Council approved \$11.1 million of this profile to complete construction on the Laurel 10 and Laurel 22 land development projects over the next four years. This work is on going. The remainder of the funding is held in abeyance until a report returns to Council in Q1 2020.														

Capital Profile	Profile To-Date		Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend													
CM-16-2010 - Industrial-Commercial-Investment Land Development (Abeyance)	16,611	29%	56,476	56,476	-	No	Jan-2015	Dec-2022	Dec-2022	20%	0%	0%	PY - 30% 2019 - 29% 2020 - 21% 2021 - 14% 2022 - 5%	Land Fund Retained Earnings - 56,476	-
Description	This profile is used to fund ongoing land development activities by Enterprise Land Development to create Industrial Commercial Investment lots for public sale or municipal purposes.														
Update	This profile is intended for Industrial Commercial Investment lot development. Council approved a total of \$22.53 million of this profile for Industrial Commercial Land Development projects with the remainder of the profile held in abeyance until a report returns to Council in Q1 2020. Development timing and staging of lot development is influenced by market conditions and absorption of existing inventory.														

CM-16-2015 - Industrial-Commercial-Investment Land Acquisition	428	3%	14,548	14,548	-	No	Jan-2015	Dec-2022	Dec-2022	20%	0%	0%	PY - 3% 2019 - 3% 2020 - 93% 2022 - 1%	Land Fund Retained Earnings - 14,548	-
Description	This profile is used to fund land acquisition for Enterprise Land Development projects and ensure the program continues to be self sustaining over time, as land and lots are sold.														
Update	This profile relates to purchase of land for future development and is subject to market conditions.														

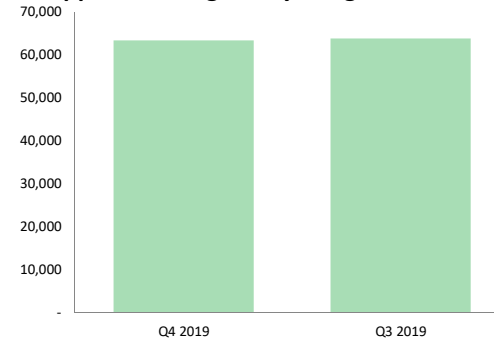
**Urban Form and Corporate Strategic Development**

Q4 2019 Capital Performance (\$000's)

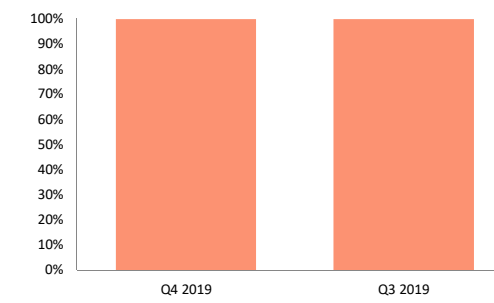
**Standalone Profile Performance**

Urban Form and Corporate Strategic Development has 14 standalone profiles with active budget. 2 of those profiles met the definition of a significant profile and are listed below.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date Actuals	% Spend	Adjusted Original Budget	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
15-74-4104 - Warehouse Campus Neighbourhood Central Park Land Acquisition	28,207	101%	28,047	28,047	28,047	-	No	Jan-2016	Dec-2018	Sep-2019	20%	0%	22%	PY - 19% 2019 - 81%	Four parcels were acquired for parkland development. The final parcel was acquired through a 'Section 30' Agreement, negotiated in late 2018. The possession date was negotiated to be September 30, 2019. The payment was made on that date.  Land compensation hearings in the future may result in additional costs.	Debt CRL Downtown - 28,047	-
15-74-4031 - The Quarters Downtown - Phase II	13,227	37%	35,834	35,334	35,334	-	No	Jun-2015	Dec-2018	Dec-2020	20%	0%	54%	PY - 32% 2019 - 6% 2020 - 29% 2021 - 32% 2022 - 2%	This profile is funded from the Quarters Community Revitalization Levy (CRL) and includes the continuation of drainage and streetscaping work, in addition to park land acquisition and development of the Kinistinaw Park Phase I and design of Phase II. The delays are due to coordinating timing and sequencing with LRT construction and slower than expected progress on land acquisition.	Debt CRL Quarters - 33,834 Other Grants - Federal - 1,500	-

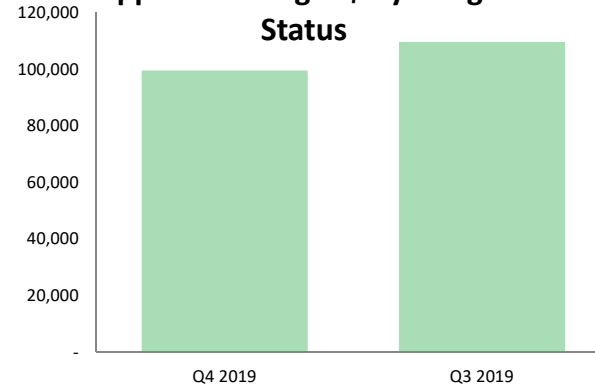
## Urban Form and Corporate Strategic Development

Q4 2019 Capital Performance (\$000's)

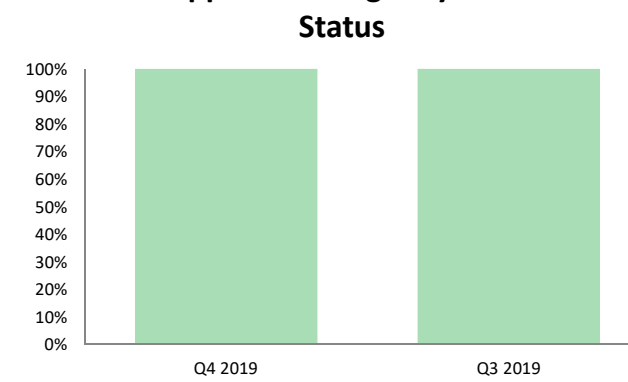
### Composite Profile Performance

The department has 11 active composite profiles totalling \$168 million of active budget. 2 profiles out of the 11 were considered significant for reporting and are listed below.

Approved Budget \$ by Budget Status



% of Approved Budget by Schedule Status



Capital Profile	Profile To-Date		Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend													
CM-74-4100 - Downtown CRL	10	0%	73,482	73,482	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2020 - 12% 2021 - 25% 2022 - 64%	Debt CRL Downtown - 72,462 Downtown CRL Reserve - 1,019	-
Description	Composite profile for Downtown CRL projects in the 2019-22 Cycle: Warehouse Campus Neighbourhood Central Park, Jasper Avenue New Vision, Projects in the Civic Precinct (Centennial Plaza), and Green and Walkable Streets														
Update	No budget in 2019. Percent of Art may require a SCBA to move to Operating.														

CM-16-1232 - Dry Pond Land Acquisition	6	0%	26,000	26,000	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2020 - 38% 2021 - 31% 2022 - 31%	EPCOR Contribution - 26,000	-
Description	The Flood mitigation program (SIRP) is being developed by EPCOR to address flooding issues in Edmonton, upgrading of storm and sanitary pipes and Storm Water Management Facilities (SWMF) ponds, new storage, sewers and sealing of manholes improving overland drainage routes. The Land will remain under title to the City as as such there will be locations where a purchase will be required. The source of funding for these purchases will be from EPCOR Drainage utility as part of their capital projects however, the land will need to be secured as the first stage. The overall program for flood mitigation will be presented and approved Q2 2019 so exact locations are not confirmed to date but we are able to anticipate general locations and preliminary budgets based on current information.														
Update	This profile supports land acquisitions to support Dry Pond construction and flood mitigation. The City is currently in the process of acquiring land for the Parkallen Dry pond for approximately \$4.6M but the actual transfer of title will not occur until April 2020.														

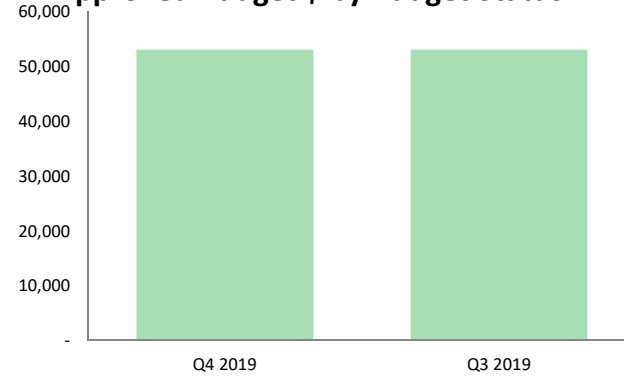
**Citizen Services**

Q4 2019 Capital Performance (\$000's)

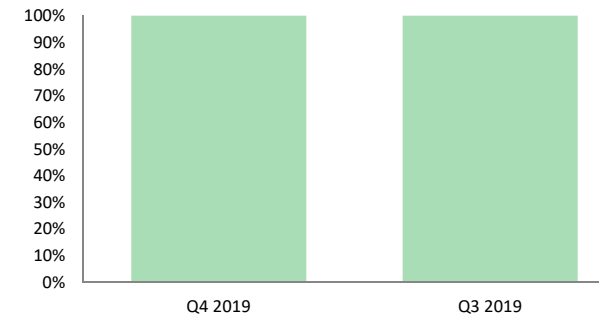
**Composite Profile Performance**

Citizen Services has 16 active capital profiles, 8 standalones and 8 composites, totalling \$77.2 million of active approved budget. Majority of these are small projects relating to Fire Services and Community and Recreation Facilities. Only the Affordable Housing composite profile met the definition of a significant profile and makes up 69% of the active capital budget in the department.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date Actuals	% Spend	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
19-90-4100 - Affordable Housing Land Acquisition & Site Development	874	2%	53,000	53,000	-	No	Jan-2019	Dec-2026	Dec-2026	20%	0%	0%	2019 - 2% 2020 - 16% 2021 - 15% 2022 - 19% 2023 - 12% 2024+ - 37%	Pay-As-You-Go - 53,000	This composite profile will provide flexible access to funding to allow the City of Edmonton to align to evolving opportunities to leverage funding from other orders of government in the achievement of the City's goals.
Description	Through various programs and activities, the City of Edmonton supports the creation of new and redeveloped affordable housing units. This overarching composite will support the capital requirements for the Social Development Branch in the fulfillment of its mandate for the 2019-2022 Capital Investment Outlook and in the achievement of the policy directions identified under policy C601 Affordable Housing Investment Guidelines. This scope of work will include the following: Acquisition of parcels of land in neighbourhoods where there is limited or no affordable housing which supports achievement of the goal of ensuring affordable housing is located in all areas of the City. The acquisition of land and existing buildings to further Council's goals of creating new units of permanent supportive housing. Supporting the redevelopment of City-owned social housing sites that have reached the end of their economic life with potential to increase density on these sites. Purchase of inclusionary housing units through the Developer Sponsored program. This composite profile will provide flexible access to funding to allow the City of Edmonton to align to evolving opportunities to leverage funding from other orders of government in the achievement of the City's goals.														
Update	The majority of the 2019 expenditures are for the purchase of two inclusionary units downtown (\$0.729M) and site prep work on land identified for affordable housing (\$0.127M). Real Estate has engaged local brokerages to identify potential Permanent Supportive Housing (PSH) sites. Although this is active, it is anticipated that closing and transfer of dollars would not happen until late 2020 on four PSH sites at approximately \$1.8M per site (including site development work) and is dependent on the availability of sites that meet the City's criteria for PSH. Servicing upgrades worth \$0.4M for a City-owned site in Evansdale will enable the lease of that land to Homes for Heroes, a non-profit organization that provides supportive housing for Canadian military veterans will develop a tiny home village at that location. Site development work on two school surplus sites will continue with planned completion by the end of 2020 - with projected costs of \$0.492M. These costs include fees for rezoning, noise impact assessments, geo-technical studies, environmental site assessments. These PSH sites would be ready for development in late 2020. In addition, two Communications FTEs for public engagement have now been hired with projected 2020 salary costs of \$240K.														

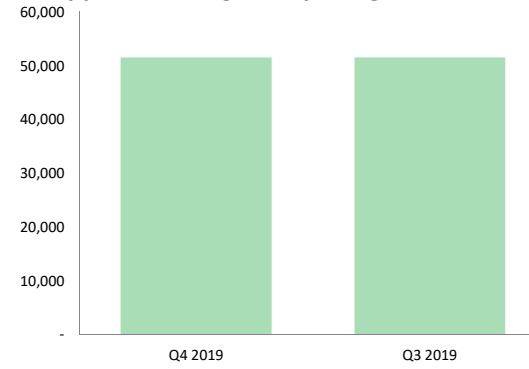
**Waste Services**

Q4 2019 Capital Performance (\$000's)

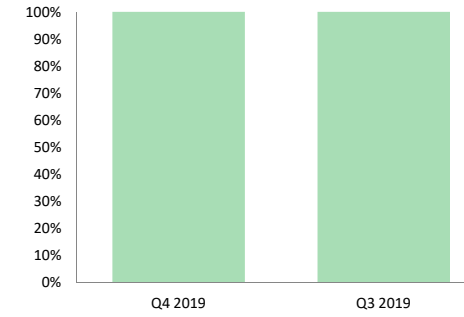
**Standalone Profile Performance**

Waste Services currently has 9 active standalone profiles, totalling \$93.5 million of active budget. Some of these are being managed under IIS and one that met the definition of significant is being delivered by Waste Services shown in the table below.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date Actuals	% Spend	Adjusted Original Budget	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Variance Explanation	Approved Funding	Funding Implications
20-81-2041 Source Separated Organics Program	12	0%	51,494	51,494	51,494	-	Jan-2020	Dec-2022	Dec-2022	20%	0%	0%	2020 - 52% 2021 - 46% 2022 - 2%	Profile is on target to commence spending in 2020 for procurement of household carts, processing equipment and trucks required for the phased implementation of the source separated organics program set to begin during summer 2020.	Self-Liquidating Debentures - 51,494	-

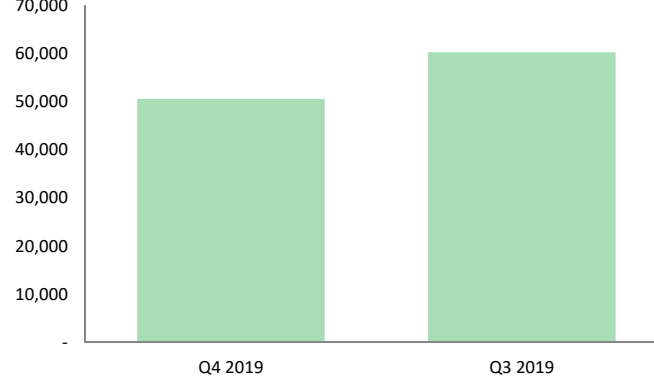
**Waste Services**

Q4 2019 Capital Performance (\$000's)

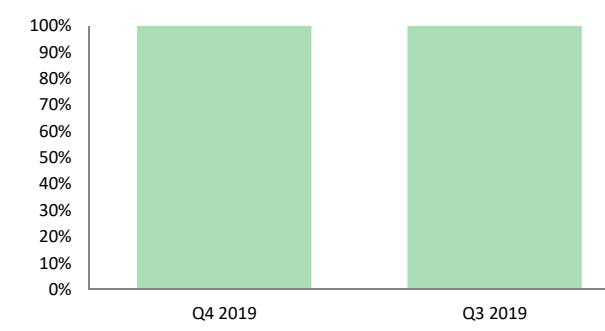
**Composite Profile Performance**

Waste Services is managing 10 composite capital profiles with active budget, of which only the Vehicle & Equipment composite profile met the definition of a significant profile. This does not include the significant Waste infrastructure composites that are being managed by Integrated Infrastructure Services (IIS), which are reported by IIS.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date		Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
	Actuals	% Spend													
CM-81-2048 - Waste Services Vehicles & Equipment	5,130	10%	50,504	50,504	-	No	Jan-2019	Dec-2022	Dec-2022	20%	0%	0%	2019 - 10% 2020 - 33% 2021 - 30% 2022 - 27%	Waste Mgt Retained Earnings - 50,504	-
Description	This profile maintains budget for Waste Services mobile vehicles and equipment requirements. As Waste Services' vehicles and equipment reach or are near end of life, they need to be replaced on an ongoing basis to meet the Waste Services' commitment of providing sustainable waste management services to the residents. As well, additional fleet are needed to meet the increasing demand as the City grows.														
Update	Profile is on target as planned with multiple units scheduled for delivery in 2020. 2019 spend includes long haul trailers that were received as planned and few chassis that were delivered ahead of schedule.														



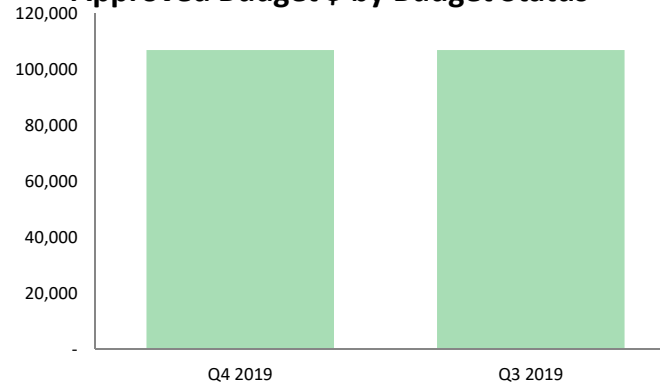
**Boards and Commissions**

Q4 2019 Capital Performance (\$000's)

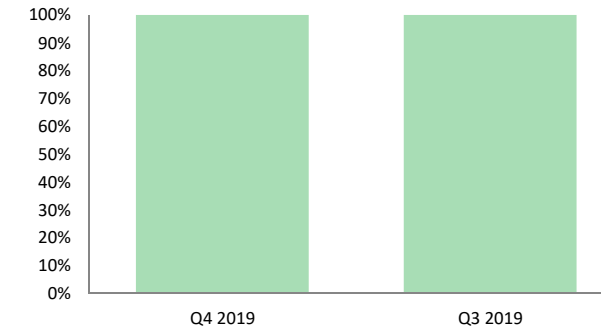
**Composite Profile Performance**

EPL and EPS combine for 12 composite profiles totalling \$128.3 million of active budget. Outside of the significant composite profiles for EPS Vehicle Replacements and EPL Library Materials reported below, which make up 43% of the active budget, the majority of the remaining active budget is allocated to Information Technology related projects in both EPL and EPS.

**Approved Budget \$ by Budget Status**



**% of Approved Budget by Schedule Status**



Capital Profile	Profile To-Date Actuals	% Spend	Total Projection	Approved Budget (A)	Variance to Approved Budget (B)	Budget Adjustment Required	Actual/Estimated Start Date (C)	Budgeted End Date (D)	Est/Act In Service Date (E)	Threshold	% Over Budget (B/A)	% Delay ((E-D)/(D-C))	Expected Completion (PY - Prior Year)	Approved Funding	Funding Implications
CM-60-1765 - Vehicle Replacements	35,539	62%	57,292	57,292	-	No	Mar-2015	Dec-2022	Dec-2022	20%	0%	0%	PY - 48% 2019 - 15% 2020 - 14% 2021 - 14% 2022 - 10%	MSI Replacement - 1,274 Munc Sustain. Initiative - MSI - 3,673 Pay-As-You-Go - 2,800 PAYG Capital Reserve - Police - 49,546	-
Description	This renewal capital project CM-60-1765 Vehicle Replacements describes the planned replacement for the police fleet of marked, unmarked and specialty vehicles including the costs related to outfitting the vehicles with police specific equipment such as mobile data workstations, radios and light bars.														
Update	This profile is for the planned replacement of the police fleet of marked, unmarked and specialty vehicles including the costs related to outfitting the vehicles with police specific equipment such as mobile data workstations, radios and light bars. Due to the timing of vehicle delivery, remaining budget from 2019 will be carried forward to complete the outfitting of vehicles in early 2020.														

CM-20-0051 - Library Materials	30,653	62%	49,636	49,636	-	No	Jan-2015	Dec-2022	Dec-2022	20%	0%	0%	PY - 49% 2019 - 12% 2020 - 12% 2021 - 13% 2022 - 14%	Partnership Funding - 125 Pay-As-You-Go - 2,484 Pay-As-You-Go - Library - 47,027	-
Description	This program is to fund the purchase of library materials to build the collections within the 21 branches.														
Update	No Variance for overall budget - Project spending on track.														