

## Emerging Projects

<b>Emerging Projects - Fall 2019 (Unfunded)</b>				
A listing of new requests that have emerged in addition to the existing unfunded profiles of the 2019-2022 Capital Budget Cycle.				
1.	Profile	Profile Name	Potential Funding Source	Estimated Cost (\$millions)
	N/A	Downtown District Energy	TBD	TBD
<p><b><u>Current Status:</u></b>            Based on a recent decision by the Alberta Utilities Commission (AUC), ENMAX has informed the City that they can no longer be the owner of the initiative. Administration brought forward an update report to Executive Committee on October 28th and will further investigate options to continue this initiative with the goal of reducing community greenhouse gas emissions. As future ownership, without AUC oversight, could be with the City, Administration has identified this project as a potential emerging funding issue.</p>				
2.	Profile	Profile Name	Potential Funding Source	Estimated Cost (\$millions)
	15-70-0003	Co-located Dispatch and Emergency Operations Centre	TBD	TBD
<p><b><u>Current Status:</u></b>            The tender for the Co-Located Dispatch and Emergency Operations Centre closed over budget. The structural, envelope, mechanical and electrical work packages were the main scopes of work that contributed to this overage. Higher than estimated market conditions and tariffs imposed at the time of tender that resulted in an increased tender result over the construction budget. The City is currently in negotiations with the low compliant bidder in an effort to minimize the impacts, therefore the value of the adjustment is not known at this time. Administration anticipates it will have a better understanding of profile impacts by mid Q4 2019.</p>				

3.	Profile	Profile Name	Potential Funding Source	Estimated Cost (\$millions)
	19-18-1904	Enterprise System Transformation Program (Phase 2)	TBD	\$30.0

**Current Status:**  
 City Council approved \$30 million in funding for Phase 1 of the ESTP program as part of the Spring 2019 SCBA. This additional \$30 million will be required to continue to implement the activities outlined in “CR\_6894 - Enterprise Systems Transformation Program” presented to Council on June 4, 2019, once the Systems Integrator has been selected. Administration will bring forward a revised funding request for Phase 2 during the 2019-2022 capital budget cycle.

4.	Profile	Profile Name	Potential Funding Source	Estimated Cost (\$millions)
	18-66-6503	50 Street CPR Grade Separation	TBD	\$46.9

**Current Status:**  
 The 50 Street CPR Grade Separation project has been advancing through planning and design. Negotiations with CP Rail are underway and work is advancing to finalize contribution agreements with the Federal and Provincial governments. Total project costs exceed previous estimates which were completed prior to implementation of the PDDM. Included in the recommended 2019 Fall SCBA is \$16.3 million of additional funding that will allow the project to advance to PDDM Checkpoint 4 while contribution agreements with the Federal and Provincial governments and CP Rail are being finalized. It is currently estimated that an additional \$46.9 million of external funding will be required to fully fund the delivery of the project. Additional City funding may be required depending on the outcome of funding negotiations with CP Rail. There is also a potential for existing approved City funding towards this project to be recovered through contributions from partners, including CP Rail, as well as through sale of surplus land following project completion.

5.	Profile	Profile Name	Potential Funding Source	Estimated Cost (\$millions)
	CM-18-1517	Technology Planning - Growth	TBD	\$4.3M
	CM-18-1515	Technology infrastructure - Renewal		
	CM-18-1517	Information Security and Disaster Recovery		
	19-18-1903	Recreation and Attractions Management (RAMS) Program		

**Current Status:**

Over the past 12 months, significant efforts have been applied to understand the City’s information security risk exposure and an increase in required funding results from the additional understanding of risks that exist. Two projects that require additional funding to further protect the City are Network Segmentation Acceleration and Web Application Firewall. In addition, the City needs to replace aged technology switches. The City has hundreds of switches located throughout the City that are recommended to be replaced to reduce unanticipated equipment failures that result in outages. Finally, funding is also required for the Computer Aided Dispatch (CAD) replacement project for Fire Rescue Services (FRS) as the project is experiencing delays and needed to be extended.