

For Information Only

Public Transit Infrastructure Funding Status Report

Presented To: Community Services Committee

Presented: Monday, Nov 06, 2017

Report Date: Wednesday, Oct 18, 2017

Type: Correspondence for Information Only

Resolution

For Information Only

Relationship to the Strategic Plan / Health Impact Assessment

This report supports the Strategic Plan adopted by the City of Greater Sudbury, as it aligns with Quality of Life and Place priorities, by removing barriers to transit use by improving transit related infrastructure and undertaking studies to improve customer experience.

Health Impact Assessment

This report will have a positive impact on the Social Determinants of Health in the areas of Human Health/Well-Being and Civic Engagement/Social Capital, as the increased transit related investments through the Public Transit Infrastructure Fund are aimed at delivering a positive impact on transit ridership and improved customer experience.

Report Summary

On November 22, 2016, a report was presented to Council providing information on the Public Transit Infrastructure Fund program criteria, and projects submitted by the City of Greater Sudbury. This report serves to provide information regarding the current status of all projects, and changes which have occurred.

Financial Implications

The cost of all projects approved under the Public Transit Infrastructure Fund program have been approved under the

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Health Impact Review

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Manager Review

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Division Review

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Financial Implications

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2017 Capital Budget.

Background

The Government of Canada's *Investing in Canada* plan, delivered by Infrastructure Canada (INFC), has committed to an investment of \$180 billion in infrastructure over 12 years. Of this federal investment, through a program entitled the Public Transit Infrastructure Fund (PTIF), financial support will be dedicated towards public transit infrastructure which will be delivered in three Phases.

Phase I of the program provides funding of \$3.4 billion to municipalities across Canada to help accelerate short term investments to support the rehabilitation of transit systems and fund studies to support longer term transit expansion plans.

Phase 2 of the program will provide funding of \$20.3 billion and is expected to be delivered over 11 years. Details on Phase 2 will be released once bilateral agreements have been reached between the Government of Canada and its provinces. Details related to Phase 3 of the program have yet to be released.

Under Phase 1, the City of Greater Sudbury (City) was approved up to \$14.6 million of eligible costs to be invested in sixteen (16) projects, of which up to 50% would be funded by the INFC. This report provides a summary and status update on each project.

Current Status of Greater Sudbury Projects Under PTIF

The City has received approval for sixteen (16) projects to be completed by March 31, 2018. However, it is important to note the following;

1. In response to the tight deadlines and volume of projects undertaken Province wide, the INFC has increased the amount of federal funding that can be claimed beyond March 31, 2018 from 25% to 40% of gross project costs. The completion date for projects listed under the extension is March 31, 2019.
2. Expected project surpluses can be transferred to another project based on need or changes to organizational priorities through approval from the INFC. An application for project modifications is being finalized by Greater Sudbury Transit and sent to the Ministry of Transportation (MTO) by the end of October 2017.

Appendix A – Public Transit Infrastructure Fund Project List Update provides the list of projects, scope of work, relating costs to date and current status. Three projects are expected to be completed after March 31, 2018 and therefore an extension approval is required from INFC. The projects requiring the extension consist of the route optimization study and infrastructure enhancement, the purchase of buses and the Westmount Avenue Active Transportation Improvements.

Next Steps

City of Greater Sudbury employees will continue toward completing each project on time and within budget. Furthermore, Greater Sudbury Transit will work congruently with the MTO and INFC toward confirming approval of the project modification application, project extension list and lastly, completing the interim claim for project costs incurred to date.

References

Public Infrastructure Fund, City Council, November 22, 2016

(<http://agendasonline.greatersudbury.ca/index.cfm?pg=agenda&action=navigator&id=955&itemid=12277&lang=en>)

Infrastructure Canada, (<http://www.infrastructure.gc.ca/plan/ptif-fitc-eng.php>)

Project Name	Estimated Project Cost	Costs to Date *	Original Project Description	Current Project Status
1. Route Optimization Study (Transit Action Plan) and Infrastructure Services Enhancements	\$1,000,000	\$225,000	Undertake a Route Optimization Study to analyse transit service delivery, recommend a new route network and identify infrastructure gaps and opportunities. Additional infrastructure improvements will be based on the recommendations of the study.	Transit Action Plan is underway, Phase 1 of 3 completed - infrastructure improvement recommendations being prioritized. Application for extension will be requested to remove any obligations of completing this important project within a short period of time. Any surplus from other projects may be transferred, subject to INFC approval. Expected completion date with extension March 2019 (pending Approval by INFC).
2. Purchase of new transit vehicle maintenance software	\$40,000	\$0	Vehicle Maintenance Software will enhance vehicle maintenance reporting, providing real time vehicle health such as diagnostic codes, including fuel consumption reports. Allows for efficient PM scheduling and improves vehicle availability to customer with less down time in the shop for vehicle repairs and deficiencies.	Existing software has capabilities to fulfill requirements, no need for new software. Project cancelled and funds to be transferred to another project.
3. Upgrade to Transit Automatic Vehicle Location (AVL) Units	\$200,000	\$100,000	Replacement of 60 AVL units to comply with service provider's updated technical requirements. Current AVL units run on the CDMA (Code Division Multiple Access) network, which is an older wireless network technology. CDMA network technology will be discontinued by Bell Mobility in April 2018.	Project underway and expected to be completed by December 2017. Any surplus to be transferred to another project.
4. Purchase of New Transit Staff Scheduling Software	\$200,000	\$0	Purchase of new scheduling software which will automate operational tasks, and ensure efficient labour utilization occurs.	RFP issued October 2017. Project expected to be completed by March 2018.
5. Restoration/ Rehabilitation Program of 110 Transit Shelters	\$120,000	\$0	Initiate a restoration program of existing shelters (inventory of 110) within the City of Greater Sudbury's limit. Rehabilitation will include paint and repairs to shelters and concrete pads	Project underway and scope of work modified. Through this restoration program, 45 shelters in high ridership priority areas are being retrofitted to be accessible for persons with mobility devices. Each shelter will be painted, concrete pads will be leveled to the ground where required and the front glass panel will be changed to a smaller size. Where a bench is located in the shelter, it will be moved to the side to accommodate persons with standard mobility devices. Project expected to be completed by December 2017.
6. Increase Specialized Transit Fleet	\$80,000	\$50,000	Increase of two additional vehicles in the Specialized Transit service to address unmet service needs and facilitate improvements in service responsiveness, through a contract amendment with the provider. Provider would charge back operating and capital cost of usage on a monthly basis. This expansion would support future eligibility changes from physical, to physical and cognitive and support with current capacity constraints.	Additional two buses being dispatched during peak hours to meet demand as of April 2017. Specialized Transit Service review underway and expected to be presented to Council for approval by end of Q2. Project expected to be completed by January 2018.

Project Name	Estimated Project Cost	Costs to Date *	Original Project Description	Current Project Status
7. Transit Garage Upgrades and Rehabilitation	\$3,700,000	\$3,200,000	Improve service reliability and minimize rolling stocks' lifecycle costs by undertaking retrofit and rehabilitation work on the City's only transit maintenance and storage building. Various upgrades, retrofits and rehabilitation projects which optimize and modernize public transit infrastructure (maintenance and storage facilities).	Construction currently under progress and scheduled to be completed by March 2018
8. Upgrade and Rehabilitation to Transit Terminal	\$1,025,000	\$680,000	Improve customer service and the customer experience with building upgrades that improve its efficiency (e.g. Heating, Ventilation and Air Conditioning (HVAC), paving and flooring) and also makes it a more comfortable environment for customers.	Project modified to include CPTED audit performed on property. Scope of work expanded to include changes based on audit recommendations. Surpluses from other projects expected to be transferred to cover additional scope of work, subject to INFC approval. Project expected to be completed by December 2017.
9. Purchase of Six (6) Buses	\$2,908,000	\$1,130,000	Purchase of two 40 foot buses as well as four 30 foot buses. The 30 foot buses will be used on low demand routes as well as on customized community bus routes.	An RFP for 30 foot buses was issued and there were no successful bidders as per specifications. Through the Transit Action Plan, recommendations will be made which will provide a better understanding of fleet requirements. Until these recommendations have been reviewed and approved by Council, Greater Sudbury Transit will continue to purchase 40 foot buses. A request was made to INFC to change the project scope to 5 fourty foot buses. Two of these have already been ordered and are expected to be delivered by end of December 2017. The remaining three buses will be ordered once approval has been received from INFC for the change of scope. Expected surplus to be transferred to other projects and project expected to be completed by March 2019 (pending INFC approval).
10. Accelerated Bus Fleet Rebuild Program	\$1,350,000	\$805,000	Provides an opportunity to accelerate the mid life rebuild of 25 buses within the fleet in order to achieve the City's bus replacement plan.	Project is underway, sixteen buses have received a mid life rebuild to date. Project expected to be completed by March 2018.
11. Lasalle Corridor Study	\$200,000	\$ 30,000.00	The LaSalle Corridor Design Study will provide recommendations to transform LaSalle Boulevard to better integrate active transportation, public transit and built form along an approximate 3 km stretch of LaSalle Boulevard - one of three major east-west corridors north of Ramsey Lake in the Sudbury community. LaSalle Boulevard is currently serviced by 12 transit routes which carry over 5,200 passengers on an average daily basis. Over 11,000 people live within a 500 m walking distance of LaSalle Boulevard. The study will include recommendations to convert LaSalle into a complete street and improve pedestrian connectivity between LaSalle Boulevard and the surrounding neighbourhoods as well as existing active transportation infrastructure such as the Junction Creek Waterway Park Trail System.	First public consultation completed in September, followed by the second public consultation expected to be completed in October 2017. Project expected to be completed by March 2018.

Project Name	Estimated Project Cost	Costs to Date *	Original Project Description	Current Project Status
12. Kingsway Active Transportation Improvements	\$2,700,000	\$ 560,000.00	Improve the pedestrian facilities along the Kingsway from Silver Hills Drive to Kitchner Avenue. The Kingsway is a fully developed major commercial corridor with few pedestrian facilities along the north side, making it difficult for pedestrians to travel from transit stops to their destination. These improvements will make transit a more attractive mode of transportation for these destinations.	Construction currently in progress. Project expected to be completed by March 2018.
13. Westmount Avenue Active Transportation Improvements	\$255,000	\$ 20,000.00	Connect the existing cycling facilities on Attlee Avenue to those proposed on Barry Downe Road. This will connect major transit routes with key destinations such as the New Sudbury Conservation Area, Junction Creek Waterway Park, Rotary Park and the Adanac Ski Hill.	Construction underway. Conflict with gas main requires an extension request to INFC. Expected Completion date with extension March 2019 (pending Approval by INFC).
14. Travel Demand Management Study	\$55,000	\$ 25,000.00	Undertake a Travel Demand Management Study to develop policies, recommend partnerships, define goals and objectives, detail monitoring and implementation plan. The successful TDM plan will integrate with transit services to create stronger TDM programs and create policies that will promote the use of transit and provide first mile/last mile connections to and from transit.	Project currently underway and is expected to be completed by March 2018.
15. Paris/Notre Dame Active Transportation Improvements	\$735,000	\$ 5,000.00	Provide improvements to the cycling facilities on the Paris/Notre Dame corridor by removing obstacles, providing depressed curbs, and installing new cycling facilities. The Paris/Notre Dame corridor is one of two north-south routes in the south end of the City linking many destinations to transit routes.	Construction currently in progress. Project expected to be completed by March 2018.
16. Intelligent Transportation System Study	\$55,000	\$0	Undertake an intelligent transportation system study to provide the tools to monitor and proactively facilitate the movement of people, vehicles, and goods throughout the transportation network. This will provide active accurate, up-to-date and timely information to transit to plan and schedule their operations based on travel time and provide the opportunity to install transit priority signals at key locations in the transportation network.	Request for Proposal issued and closes Nov 1, 2017. Project expected to be completed by March 2018.
Total Projects = 16	\$14,623,000	\$6,830,000		

*As of October 17, 2017. Amounts are rounded for simplicity. Includes known commitments to date.