

**Report to  
Rapport au:**

**Finance and Economic Development Committee  
Comité des finances et du développement économique  
1 December 2015 / 1 décembre 2015**

**and Council  
et au Conseil  
9 December 2015 / 9 décembre 2015**

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**Ward: CITY WIDE / À L'ÉCHELLE DE LA VILLE      File Number: ACS2015-CMR-OCM-0031**

**SUBJECT: STAGE 1 AND STAGE 2 OF LIGHT RAIL TRANSIT (LRT) –  
PROVISION OF PUBLIC WASHROOMS**

**OBJET: ÉTAPES 1 ET 2 DU PROJET DE TRAIN LÉGER - AMÉNAGEMENT DE  
TOILETTES PUBLIQUES**

## REPORT RECOMMENDATIONS

**That the Finance and Economic Development Committee recommend Council:**

- 1. Adopt the Design Standards for Public Washrooms at Rail Rapid Transit Stations as outlined in this report;**
- 2. Receive for information the plan to include and fund additional public washrooms on the Confederation Line as directed by Council and outlined in this report.**

## RECOMMANDATIONS DU RAPPORT

**Que le Comité des finances et du développement économique recommande au Conseil :**

- 1. d'adopter les normes de conception pour l'aménagement de toilettes publiques dans les stations de transport en commun rapide sur rail qui sont décrites dans le présent rapport;**
- 2. de prendre connaissance du plan concernant l'aménagement et le financement de toilettes publiques supplémentaires sur la Ligne de la Confédération, qui correspond aux directives du Conseil et qui est énoncé dans le présent rapport.**

## BACKGROUND

In July 2011, Council unanimously approved the "Implementation of the Ottawa Light Rail Transit Project" Report ([Ref. No. ACS2011-ICS-RIO-0002](#)). During debate and discussion on this report staff responded to Councillor questions on public washrooms clarifying that there was no plan to include additional public washrooms on the system.

In December 2012, Council unanimously approved the "Design, Build, Finance and Maintenance of Ottawa's Light Rail Transit (OLRT) Project" Report (Ref No. [ACS2012-ICS-RIO-0004](#)). As part of this report, Appendix 1 – Station Design indicates the inclusion of public washrooms for passengers at the two terminus stations, Tunney's Pasture and Blair in accordance with the Ontario Building Code Regulation 3.13.6.2.

At the July 8, 2015 Council meeting, Council adopted the following motion and direction to staff:

*THEREFORE BE IT RESOLVED THAT City Council approve the Strategic Initiative 4 - Completion of the O-Train's Confederation Light Rail Transit Projects (p. 19 of Appendix*

A) be amended to include the planning and construction of accessible, integrated public washrooms within the fare-gated areas of the Bayview and Hurdman stations, to be funded from the LRT project contingency budget, or another source as recommended by staff, including private sector options; and

BE IT FURTHER RESOLVED THAT staff be directed to develop options for the provision of public washrooms within the fare-gated areas of these two stations for decision by the Finance and Economic Development Committee and Council before the end of Q4 2015.

#### DIRECTION TO STAFF

That staff be directed to also provide information with respect to incorporating public washrooms in the Stage 2 LRT stations.

This report responds to this motion and direction to staff.

#### DISCUSSION

##### *Recommended Design Standards for Public Washrooms at Rail Rapid Transit Stations*

Staff has developed the following design standards for public washrooms at rail rapid transit stations. Once adopted by Council these design standards will be applied to Stage 1 of the Confederation Line, the Stage 2 extensions of the Confederation Line, and to other future electrified rail rapid transit lines.

1. Public washrooms will be provided at terminal stations of electrified rail rapid transit lines as required by the Ontario Building Code

*Explanation: The Ontario Building Code (OBC) provides direction on the location, number and components of public washrooms provided in a rapid transit station. It requires end of line rapid transit stations to include public washrooms (3.13.6.2 (4)). Based on OBC definitions of a rapid transit station and rapid transit system (Sec. 3.13.1.2), the Confederation Line is classified as a rapid transit system due to its design as an electrified transportation system. As such, the OBC requires that public washrooms be provided at Tunney's Pasture and Blair Stations. The OBC will also require that public washrooms be provided at Baseline, Bayshore, and Place d'Orléans Stations on the Stage 2 extensions.*

2. Once public washrooms are built at terminal stations, they will normally be retained if the line is extended and the station no longer functions as a terminal. The application of this standard will be reviewed as part of the design process for the extension, taking into account the proximity of the station to the new terminal,

the number of customers using the station, and whether there are any major capital cost savings possible if the washroom were to be removed. Any recommendation to remove a washroom would be brought to Council for approval as part of the design process.

*Explanation: Once the Stage 2 extensions open, Blair and Tunney's Pasture will no longer be the terminals of the Confederation Line. This standard provides that the public washrooms at those stations be retained.*

3. Public washrooms will be provided at high-volume transfer stations between electrified rail rapid transit lines and other major rapid transit corridors, where the majority of passenger traffic in the station is transferring between the two lines.

*Explanation: In accordance with the decision of Council, public washrooms will be provided at two major transfer locations along the Confederation Line. Bayview Station is where the Confederation Line intersects with the Trillium Line. Hurdman Station is where the Confederation Line intersects with the Southeast Transitway.*

4. Public washrooms at rail rapid transit stations will follow the design principles established for the Confederation Line and will meet industry best practices for customer security and safety.

*Explanation: All public washrooms will feature the same functional and design elements. The details of each element will be developed based on the requirements of the Confederation Line Project Agreement, the OBC, Council direction, as well as best practices in public facilities. Although the interior space and design of each station along the Confederation Line will be unique, the City will ensure all public washrooms are consistent in the following areas:*

- *minimum number and type of stalls (designed in accordance with OBC requirements);*
- *accessibility;*
- *safety and security, following Crime Prevention Through Environmental Design and other applicable principles; and,*
- *location within the fare-paid area.*

The effect of the Council decision and the application of the above design standards will be that, once the Stage 2 extensions are completed, there will be public washrooms at

seven stations on the City's rapid transit network: Baseline, Bayshore, Bayview, Blair, Hurdman, Place d'Orléans, and Tunney's Pasture.

*Public Washrooms at Bayview Station and Hurdman Station*

Following Council direction, staff directed Rideau Transit Group (RTG) to design, construct and maintain public washrooms within the fare-paid zone at Bayview and Hurdman Stations. Public washrooms at these stations are being designed in accordance with the new recommended Design Standards outlined above and will apply the recommended design principles, restated below:

*All public washrooms will feature the same functional and design elements. The details of each element will be developed based on the requirements of the Confederation Line Project Agreement, the OBC, Council direction, as well as best practices in public facilities. Although the interior space and design of each station along the Confederation Line will be unique, the City will ensure all public washrooms are consistent in the following areas:*

- *minimum number and type of stalls (designed in accordance with OBC requirements);*
- *accessibility;*
- *safety and security, following Crime Prevention Through Environmental Design and other applicable principles; and,*
- *location within the fare-paid area.*

The estimated, upset limit cost of washrooms at Bayview and Hurdman Stations, based on preliminary design, is \$2.05M. The estimated lifecycle cost is \$224,400 and the increased cost to maintenance is approximately \$13,000 per month.

These costs will be negotiated with RTG to ensure best value. The capital cost of the additional washrooms will be funded from the contingency allowance. The increase in maintenance costs will be a budget pressure to be incorporated into the operating budget for 2018, the year that the Confederation Line will open for service.

The maintenance of all public washrooms on the Confederation Line segment from Tunney's Pasture to Blair Station will be undertaken by RTG over the 30 year concession period.

**RURAL IMPLICATIONS**

There are no rural implications associated with this report.

**CONSULTATION**

There was no consultation undertaken for this report.

**COMMENTS BY THE WARD COUNCILLOR(S)**

This is a city wide report.

**LEGAL IMPLICATIONS**

There are no legal impediments to implementing the recommendations in this report.

The Project Agreement with Rideau Transit Group does provide for the two terminus public washrooms located at Tunney's and Blair Stations. As noted above, this is in compliance with the Ontario *Building Code Act, 1992* and, in particular, Section 3.13.6.2 of Ontario Regulation 350-06, which sets out the mandatory requirements for washrooms in transit stations. The Project Agreement allows for adding potential new public washrooms (proposed at Bayview and Hurdman Stations) through the Variation Enquiry ("VE") process. Staff has followed the VE process and Rideau Transit Group will design and construct the two additional washrooms.

There are no *Building Code Act, 1992* implications concerning the design standard put forth by Transit Services as outlined in report that if the station no longer remains a terminus station (i.e. the Confederation Line in Stage 2 has been extended) the public washrooms will remain which exceeds the minimum standard than required by the *Building Code Act, 1992*.

**RISK MANAGEMENT IMPLICATIONS**

There are no risks associated with this report.

**FINANCIAL IMPLICATIONS**

The estimated upset limit cost of washrooms at Bayview and Hurdman Stations, based on preliminary design, is \$2.05M. These costs will be funded from the contingency allowance.

To date, the Contingency Management Committee (CMC) has reserved \$80 million in the contingency allowance for compensation events, contract variations and possible future changes, primarily related to property requirements and transit priorities. Within

the \$80 million, \$11 million is committed and \$69 million is reserved for future obligations/changes, leaving a balance of \$20 million in the contingency authority to cover other potential risks. CMC monitors all potential risk on an ongoing basis with a mitigation focus and is comfortable at this point with the reserved and unreserved balance of the contingency allowance.

Increase to lifecycle and maintenance costs, as outlined in the report, will be incorporated in Transit's 2018 operating budget once confirmed.

### **ACCESSIBILITY IMPACTS**

All public washrooms will feature the same functional and design elements. The details of each element will be developed based on the City of Ottawa Accessibility Design Standards (COADS), the requirements of the Ontario Building Code (OBC) and best practices in public facilities. Where the COADS provide for a higher level of accessibility than the OBC requirements with respect to washroom amenities the COADS will be used.

### **TERM OF COUNCIL PRIORITIES**

The recommendations contained herein directly and indirectly support the following objectives of the Corporate Planning Framework:

- C1     Contribute to the improvement of my quality of life
- TM1    Build a world class environmentally sustainable light rail transit system
- TM5    Ensure reliable, safe, accessible and affordable transit services
- HC1    Advance equity and inclusion for the city's diverse population

The recommendations contained herein amends Strategic Initiative 4 – Completion of the O-Train's Confederation Light Rail Transit Projects (p. 19 of Appendix A) to include the planning and construction of accessible, integrated public washrooms within the fare-gated areas of the Bayview and Hurdman stations.

### **DISPOSITION**

Following Committee and Council approval of the recommendations contained herein, staff will undertake the following:

- Adopt the new design standards on the development of the Stage 2 LRT Project
- Implement Public Washrooms at Hurdman and Bayview Stations