

**2ND REPORT OF THE**  
**RAPID TRANSIT IMPLEMENTATION WORKING GROUP**

Meeting held on February 8, 2018, commencing at 4:30 PM, in Council Chambers, Second Floor, London City Hall.

PRESENT: S. Rooth (Chair), Mayor M. Brown, Councillors J. Helmer, P. Hubert, T. Park, P. Squire, H.L. Usher and M. van Holst; D. Sheppard and E. Southern, and B. Westlake-Power (Acting Secretary).

ABSENT: Councillors P. Hubert and H. Usher.

ALSO PRESENT: A. Dunbar, H. Beecroft, K. Burns, B. Hollingworth (IBI), C. James, A. Kemick, K. Paleczny, J. Ramsay, A. Rosebrugh, K. Scherr, S. Spring and E. Soldo.

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**I. CALL TO ORDER**

1. Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

**II. SCHEDULED ITEMS**

2. Brief Project Status presentation covering RTIO Team changes, PIC#5 Outcomes, and TPAP Next Steps.

That it BE NOTED that the Rapid Transit Implementation Working Group received a presentation from J. Ramsay, Project Director Rapid Transit, as included in the February 8, 2018 agenda.

**III. CONSENT ITEMS**

3. 1st Report of the Rapid Transit Implementation Working Group

That it BE NOTED that the 1st Report of the Rapid Transit Implementation Working Group, from its meeting held on December 6, 2017, was received.

4. Municipal Council resolution from its meeting held on January 16, 2018 - 1st Report of the Rapid Transit Implementation Working Group

That it BE NOTED that a Municipal Council resolution, from its meeting held on January 16, 2018, with respect to the 1st Report of the Rapid Transit Implementation Working Group, was received.

**IV. ITEMS FOR DISCUSSION**

5. Brief to Rapid Transit Implementation Working Group - B. Brock

That the communication dated January 25, 2018, from B. Brock, with respect to a brief to the Rapid Transit Implementation Working Group on various matters, BE RECEIVED.

6. Expert Peer Review Panel

That it BE NOTED that the Rapid Transit Implementation Working Group (RTIWG) held a general rapid transit implementation discussion with the Peer Review Panel consisting of: P. May, Vice-President, Project Implementation, York Region Rapid Transit Corporation, W. Taveira, Project Manager, York Region, J. Gonsalves, BRT National Practice Leader, Parsons Brinckerhoff and B. Radstrom, Manager of Service Development, Winnipeg Transit; it being noted that the attached backgrounder and presentation, was provided to the RTIWG members with respect to this matter.

7. Pilot High Occupancy Vehicle Lanes

That it BE NOTED that the proposal submitted by Councillor M. van Holst, with respect to a pilot project for high occupancy vehicle lanes, as a test of bus rapid transit traffic modelling, was received.

8. Proactive Planting of Replacement Trees

That it BE NOTED that the proposal submitted by Councillor M. van Holst, with respect to proactively planting replacement trees for use along the rapid transit route, was received.

**V. DEFERRED MATTERS/ADDITIONAL BUSINESS**

9. Resignation of Councillor Armstrong

That it BE NOTED that a Municipal Council Resolution, from its meeting held on January 30, 2018, regarding Councillor Armstrong's resignation from the Rapid Transit Implementation Working Group, was received.

**VI. ADJOURNMENT**

The meeting adjourned at 6:35 PM.

**NEXT MEETING DATE: April 12, 2018.**



## **Rapid Transit Implementation Working Group – February 8, 2018**

### **BRT Expert Panel**

**Paul May, P.Eng.**

**Vice-President, Project Implementation**

**York Region Rapid Transit Corporation (YRRTC)**

Paul joined the York Region Rapid Transit Corporation in 2009. He is responsible for the design, construction and all implementation aspects of the VivaNext Rapid Transit project, a \$1.75B Bus Rapid Transit program. Paul was also responsible for the integration and coordination of transit facilities with the recently opened Toronto-York Spadina Subway Extension.

Paul has been employed by the Regional Municipality of York since 1988. Prior to this position, Paul was the Director of Infrastructure Planning, responsible for the planning of major roads, transit, water and wastewater projects, and the development of the York Region's infrastructure Master Plans.

**Wilson Taveira, P.Eng.**

**Project Manager**

**York Region**

Wilson has over 15 years of experience in the engineering design of transportation and transit infrastructure projects, half of those spent on the delivery of Design-Build Bus Rapid Transit projects in York Region and Mississauga.

Wilson's project management experience has touched on various stages of the implementation of these transit projects including utility relocation and the evolution of the VivaNext detailed design. Wilson has also worked closely with various transit operations in the GTA through his work on the Mississauga Transitway and VivaNext BRT corridors.



**Jack Gonsalves, P.E.**

**BRT National Practice Leader**

**Parsons Brinckerhoff**

Jack is responsible for Corporate BRT marketing initiatives and also serves as the organization's BRT technical resource. Jack has been instrumental in working on the ground floor of this emerging technology for Parsons Brinckerhoff in the Pacific Northwest and now nationwide. Jack has been extensively involved in a variety of BRT planning and design in cities like Seattle, Portland, Denver, Salt Lake City, Vancouver, San Antonio, and Las Vegas.

His diverse experience of 24 years ranges from public works to heavy civil construction management with increasing responsibilities and management roles. Most recently, his experience has centered on the design of multimodal transit infrastructure and facilities, specifically on BRT facilities.

**Bjorn Radstrom, P. Eng.**

**Manager of Service Development**

**Winnipeg Transit**

Bjorn Radstrom is the Manager of Service Development for Winnipeg Transit, where he oversees all aspects of schedules, service planning, route planning, infrastructure planning, and strategic planning. He was also the project manager for the planning and preliminary design phases of Stage 2 of Winnipeg's Southwest Transitway, the largest infrastructure project ever undertaken by the City of Winnipeg.

# Rapid Transit Implementation Working Group

February 8, 2018

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## BRT Expert Panelists

Paul May, York Region Rapid Transit Corporation (VIVA)

Bjorn Radstrom, City of Winnipeg

Wilson Taveira, Metrolinx

Jack Gonsalves, WSP

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## What did we discuss?

- Design criteria used for the project
- BRT Corridor designs
- BRT stop design
- Local transit integration
- Construction and phasing
- Operations and maintenance

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## Key Meeting Messages

- “Stand your ground on exclusive lanes”; these are critical to the success of the network
- Median BRT lanes are preferable to curbside running
- Excellent pedestrian amenities are central to BRT
- Don't compromise early on the design
- Consider intuitive design to minimize potential for confusion of transit passengers and other road users

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## Design & Operations

- Dedicated lanes ensure reliable transit service; also reduce potential conflicts & increases safety for general traffic in urban areas
- Environmental Assessment should plan for the ultimate corridor design
- There may be opportunities to optimize the design at some stations and locations
- Suggestion for education campaigns, signs and markings, to explain how traffic works with BRT

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## Next Steps & Implementation

- Be prepared for the design to evolve between completion of the Environmental Assessment (TPAP) and opening day
- Risk assessment of cost estimate to manage contingency
- Selection of implementation phasing should consider balance of ridership potential and ease of implementation

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## Questions for the Panel?

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