

# *Transportation and Infrastructure Committee Minutes*

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**Present:**

Councillor Gill, Chair  
Councillor LeFranc  
Councillor Woods  
K. Rana (Youth Rep.)

**Absent:**

R. Dhaliwal (Youth Rep.)

**Staff Present:**

F. Smith, General Manager, Engineering  
J. Boan, Manager, Transportation  
K. Tiede, Traffic Engineer  
L. Blake, Legislative Services

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**A. ADOPTION OF MINUTES**

1. The committee is requested to pass a motion adopting the minutes of September 18, 2017.

It was

Moved by Councillor LeFranc  
Seconded by Councillor Woods

That the minutes of the Transportation and  
Infrastructure Committee meeting held September 18, 2017, be adopted as  
presented.

Carried

**B. DELEGATIONS****C. OUTSTANDING BUSINESS**

1. **Pattullo Bridge Update**

Staff provided the following update regarding the Pattullo Bridge:

- The business case for the Pattullo Bridge has been presented to the Provincial government. The business case includes full funding for required interchange upgrades.
- It is anticipated that the Treasury Board will discuss funding levels.
- An application for funding has been sent to the National Trade Corridor Fund.
- It is anticipated that TransLink will bring forward the Pattullo Investment Plan to the Mayors' Council. It is hoped that a Request for Qualifications (RFQ) will be provided in January 2018, following by a Request for Proposals (RFP).

In response to a question from the Committee, staff advised that the feedback received during the Environmental Assessment (EA) will be forwarded to the bridge designers to address.

**2. LRT Update**

Staff provided the following update regarding Light Rail Transit (LRT):

- The business case has been distributed to the Treasury Board for comment and approval.
- Phase 1 of the investment plan, which includes utilizing Development Cost Charges (DCC), will be forwarded to regional leaders, including the Provincial government and Mayors' Council.
- If the Provincial government agrees on funding sources, the Surrey-Newton-Guildford Line can move forward in 2018 to the next phase, which would include a Request for Qualifications and then a Request for Proposals. It is hopeful that construction would begin in 2019.
- It is anticipated that early works for LRT will be completed in 2018.

In response to questions from the Committee, staff advised that there are two options with respect to collecting DCC fees:

- A uniform DCC rate, which would be the same in all municipalities. A set rate would be collected from single family homes, townhomes and apartments, and industrial, commercial and institutional land uses; or,
- A tiered rate which would be based on proximity to where the public transit investment has and/or will be made.

Staff are advocating for the uniform option to administrate and collect DCC fees.

The Committee requested a briefing of TransLink's DCC fee plan be provided at the November TIC meeting.

**D. NEW BUSINESS**

It was

Moved by Councillor Woods  
 Seconded by Councillor LeFranc  
 That the agenda be varied in order to  
Carried

address Items D.1 and D.2 prior to Items C.1 and C.2.

**1. Road and Traffic Safety Levy Update**

Jaime Boan, Manager, Transportation

Staff provided a PowerPoint presentation regarding the Road and Traffic Safety Levy and highlighted the following information:

- Initial funding from the Road and Traffic Safety Levy began in 2008, with a ten year plan to implement broad goals at a levy rate of 1.5% per year.
- Due to higher public expectations of road conditions and increased service requests received, the program was reviewed in 2012, and the scope was expanded.
- The expanded scope of the program goes beyond state of good repairs for roads, and supports multiple City visions and goals, including the Sustainability Charter, the Public Safety Strategy, and the Community Energy and Emissions Plan.
- Staff reviewed the anticipated funding income from the levy. It is anticipated that by 2024, there will be no borrowing for road repairs and by 2030 there will be no infrastructure replacement debt.
- The City has initiated an Asset Management Study which will lead to budget needs for required rehabilitation and replacement of infrastructure.
- The levy funding has been critical for making significant progress with the Safe and Active Schools program. \$19 million has been spent on the program since 2010, with a total estimated value of \$82.5 million upon completion.
- A detailed study identified a recommended budget of \$15 million to maintain a state of good repair for pavement, and the current budget is \$10 million. Staff are doing further review to examine optimal methods to repair pavement. While some options have a higher upfront cost, they would reduce future costs.
- There are 109 signals that are at the end of their service life. Signal replacement is typically completed at a rate of 5-6 per year; however the replacement rate will be increased to 10-15 per year in order to meet the needs in an acceptable timeline.
- Pedestrian and bicycle infrastructure provide a huge return on investment. The Mayor's Council Vision indicates that there is to be a 50% cost-share between TransLink and municipalities for multi-modal infrastructure. Other funding opportunities include the Ministry of Transportation and Infrastructure and the Federal government.
- Large amounts of funding have been allocated towards walking programs with a focus on routes to schools. Moving forward, the focus will shift to transit connections, which would be available for funding opportunities from TransLink.

The Committee provided the following comments:

- Development Cost Charges (DCC) will provide funding that is appropriate for developing areas. It is anticipated that development will complete road and sidewalk upgrades in older or redeveloping areas.
- The Committee requested that staff review City fees in order to obtain funding for construction of frontages for sites that are rebuilding, without a rezoning or subdivision.

**Procedural note:** Councillor Gill exited the meeting at 2:37 p.m.; Councillor LeFranc assumed the role of Chair.

- The Committee requested information regarding what funding would look like with annual increases of 1.25% and 1.5%.
- The Committee requested information regarding the top three traffic incident locations.

2. **Arterial School Zone Awareness Pilot**

Kristen Tiede, Traffic Engineer

Staff provided a PowerPoint presentation regarding the Arterial School Zone Awareness Pilot and highlighted the following information:

- The Arterial School Zone Awareness Pilot Program began in 2009 and included road infrastructure improvements, walking and cycling awareness program and bicycle safety training.
- Since the program's inception, over 700 projects have been completed with a total value of \$18.5 million.
- The pilot program included traffic calming along school routes. Improvements such as yellow flashing lights on school zone signs were tested and received positive feedback; however, there were technical issues to address.
- A new Pilot Program has been developed for the 2017/2018 school year, and includes the following options:
  - Green pavement markings that read "School"
  - Pavement markings with the school symbol
  - Speed reader boards
  - Amber flashing beacons between 8 a.m. and 5 p.m. on school days
  - Amber flashing beacons at targeted times, such as when children are on the road (i.e.: an hour at the morning, lunchtime and afterschool). The speed zone would only apply when the lights are flashing.
- The options will be implemented on arterial road frontages of schools, and the options will be used in consideration of the location. For example, flashing light treatments cannot be used near other traffic lights.

- A speed study will be conducted before and after the implementation of the pilot program to determine its effectiveness. Moving forward, only effective options will be pursued.
- Installation for Phase One (8 schools) is planned to occur starting in late October 2017, weather permitting and continue into 2018. A communication plan has been created for Phase 1 and includes letters, emails and social media.
- Phase Two (7 schools) will be undertaken for the 2018/19 school year. These and subsequent installations will be based on treatments that demonstrated success in slowing vehicles during Phase One.
- Phase Three will include the remainder of public elementary school zones (road frontages that do not have reduced speed limits). Future phases of the pilot program will address independent and secondary schools.

In response to questions from the Committee, staff provided the following information:

- Staff will be working closely with the RCMP with respect to speed enforcement in school zones.
- Staff will meet with the schools included as part of Phase 1 to receive feedback and determine effectiveness.
- There is no cost sharing with the School District for the implementation of the measures; however, funding will be available from ICBC.
- New schools will be built with speed management best practices. For example, speed humps are included as part of local and collector road improvements during construction, which are paid for by the School District. The City addresses upgrades for other roads in the community that lead to new schools.

3. **City Centre Parking Study**

Dave Harkness, Parking Services Manager

This item was deferred to the November 27, 2017 Transportation and Infrastructure Committee meeting.

**E. ITEMS REFERRED BY COUNCIL**

**F. CORRESPONDENCE**

**G. INFORMATION ITEMS**

**H. OTHER BUSINESS**

**1. 2017 Committee Meeting Schedule**

It was  
Moved by Councillor Woods  
Seconded by Councillor LeFranc  
That the Transportation and Infrastructure Advisory  
Committee adopt the 2018 Meeting Schedule as presented.  
Carried

**2. Appointment of Kenver Rana**

It was  
Moved by Councillor Woods  
Seconded by Councillor LeFranc  
That the Transportation and Infrastructure  
Committee recommend that Kenver Rana be appointed as the Youth  
representative on TIC.  
Carried

**I. NEXT MEETING**

The next meeting of the Transportation and Infrastructure Committee will be held on Monday, November 27, 2017 at 2:00 p.m. in 2E Community Room A.

**J. ADJOURNMENT**

It was  
Moved by Councillor Woods  
Seconded by Councillor LeFranc  
That the Transportation and Infrastructure  
Committee meeting do now adjourn.  
Carried

The Transportation and Infrastructure Committee adjourned at 3:13 p.m.

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Jane Sullivan, City Clerk

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Councillor LeFranc, Acting Chair