

# *Transportation and Infrastructure Committee Minutes*

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**Present:**

Chair - Councillor Gill  
Councillor LeFranc

**Absent:**

Councillor Woods  
C. Davidson (YR)

**Staff Present:**

F. Smith, General Manager, Engineering  
J. Boan, Manager, Transportation, Engineering  
P. Lee, Rapid Transit & Strategic Projects  
Manager, Engineering  
P. Bellefontaine, Transportation Planning,  
Manager Engineering  
J. Rehal, Manager, By-Law Enforcement  
S. Fillion, Manager, Financial Services  
L. Luaifoa, Legislative Services

**Guests:**

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**A. ADOPTION OF MINUTES**

1. The Committee was requested to pass a motion adopting the minutes of January 19 and February 16, 2015.

It was

Moved by Councillor LeFranc

Seconded by Councillor Gill

That the minutes of the Transportation and  
Infrastructure Committee meetings held on January 19 and February 16, 2015 be  
adopted.

Carried

**B. DELEGATIONS**

There were no delegations.

**C. OUTSTANDING BUSINESS**

1. **Pattullo Bridge Update**  
File No. 5400-05

The Rapid Transit & Strategic Projects Manager provided the following verbal  
update on the Pattullo Bridge:

- TransLink continues to work on a detailed analysis on the accessibility of the bridge to ensure optimal accessibility and safety to the public and workforce during the bridge deck rehabilitation and seismic upgrade.
- It is likely that the bridge will maintain one lane of travel in each direction during construction.
- The communications plan and the outcome of the analysis are expected to be completed towards the end of this summer in time for consultation with the municipalities, stakeholders and the general public.

**2. Transit Update**

File No. 8310-01

The Rapid Transit & Strategic Projects Manager provided the following verbal update:

- The Surrey LRT project has been screened in by P3 Canada and the City is coordinating with TransLink to conduct further design work. The primary purpose of the design work is to establish a higher order cost estimate that can be used for a successful P3 business case analysis for the Surrey LRT project.
- Staff will report back to the Transportation and Infrastructure Committee on the status of the design work and general project progress.

Councillor LeFranc noted that the Auditor General of Ontario has prepared a review on the effectiveness of public-private partnership (P3). The review noted that there were financial flaws with the P3 model.

The Rapid Transit & Strategic Projects Manager commented that staff is aware of the Ontario review but noted that P3 projects in Ontario were carried out predominantly for hospitals and other building-related facilities, and that only a few projects involved transportation. It was further noted that in British Columbia, most of the P3 projects are handled by Partnerships BC (PBC), a provincial crown corporation that has been established for 12 years with a well-recognized track record in shepherding and administering successful P3 projects. It is anticipated that PBC will play a significant role in the development of the Surrey LRT project, similar to the City's biofuel project.

**D. NEW BUSINESS****1. Provincial 10-Year Transportation Plan**

The Manager of Transportation Planning provided a presentation on the Provincial 10-Year Transportation Plan.

The following comments were made:

- The Ministry of Transportation and Infrastructure (MoTI) undertook a consultation process on transportation priorities for The Province in advance of the development of the Transportation Plan. Over 12,000 responses were received from the public through online feedback forms and meetings were also undertaken with numerous stakeholders including municipalities, port and airport authorities and other interested stakeholders.
- Through a meeting and a follow up letter, City of Surrey staff provided the MoTI with the City's top three transportation priorities, namely Light Rail Transit (LRT), replacement of the Pattullo Bridge and improvements to the 152 Street/Highway 99 interchange.
- Subsequent to the engagement process, a 10 year provincial transportation plan called "BC on the Move" was created. The Plan identifies \$2.5 billion in investment over the next 3 years and similar amounts in the future. Some of

the priorities for the Metro Vancouver region identified through the consultation process include:

- expanding and increasing transit services
- expanding highway capacity and upgrades to key highways and bridges
- enhancing cycling infrastructure and improving transportation choices

Although investments in Metro Vancouver are not specified, there are parts of the plan that relate specifically to the region and the City of Surrey:

- Invest in Rapid Transit – commit to fund one third of new rapid transit capital projects and work with the region for federal funding.
- Fund one third of a new Pattullo Bridge
- Improvements to Highways - Commence design of Highway 1 six-lane through Surrey and Langley to Abbotsford.
- George Massey Tunnel replacement
- 20 new interchange improvement projects in the lower mainland
- Other highway improvements for capacity, safety and operations
- Provincial Trucking Strategy - Work with industry to identify locations for truck parking and construct at least two new truck parking areas in the Lower Mainland.
- Cycling - The Ministry through the Bike BC program will increase its funding for projects that promote cycling and walking for commuting and recreation.
- Accessibility Improvements – increase the number of wheelchair accessible taxis and partner with TransLink on SkyTrain station improvements

Staff will be seeking clarification from the MoTI on funding commitments, timelines, project eligibility criteria and prioritization to better understand opportunities for additional City Of Surrey project requests. Staff will report back to a future TIC on these discussions.

## 2. LED Street Light Project

The Manager of Transportation presented on the LED Street Lights Project.

The following comments were provided:

- The City of Surrey has 28,000 street lights and is continually adding lights through new developments. The cost to power Surrey's lights per year is approximately \$3.7 million dollars.
- Surrey has been assessing the option of LED street lights for the past 7 years. Over time, technology has improved significantly and the cost has dropped significantly.
- The current system requires re-lamping of the high pressure sodium every 5 years. This has been a successful strategy to reduce maintenance costs as compared to having a contractor change individual light bulbs as they burn out. The cost for re-lamping is \$75 per light and the cost to change to an LED

light is \$240 per light. Thus if replaced through the re-lamping program, the net cost for LED lights would be \$165 per fixture.

- Some benefits of LED are:
  - 35% savings in power consumption (\$3.7 million per year)
  - Long life – lasts 15 to 20 years (current lights last 5 years)
  - LED lights have a lower failure rate
  - Lighting has much greater clarity making pedestrians more visible
- A city wide replacement to LED lights will cost \$11 million dollars. The BC Hydro Power Smart Partner Program will contribute 30-35% of the costs and 10% of the costs would be contributed by the GVTA MRN Rehabilitation Program. The City of Surrey’s cost would be 60%. The City will recover the capital cost within 8 years.
- The first phase of the LED Pilot Project will be in Newton with replacement of 4 lights by the Newton bus loop on 72 Avenue. The second phase of the LED project will be along 72 Avenue from King George Blvd to 138 Street. 90 LED streetlight fixtures will be replaced at a cost of \$110,000. Staff will obtain feedback from the business community and broader community on the pilots.
- Following public feedback on the pilots, staff would present the results to the TIC along with proposed delivery approaches to replace the street lights in the City Centre (110 lights) at a cost of approximately \$650,000 and subsequently the streetlights city wide.

It was Moved by Councillor LeFranc  
Seconded by Councillor Gill  
That the Transportation and Infrastructure  
 Committee endorse the LED Street Light Project for Surrey.  
Carried

**E. CORRESPONDENCE**

There was no correspondence.

**F. INFORMATION ITEMS**

There were no information items.

**G. OTHER BUSINESS**

There was no other business.

**H. NEXT MEETING**

The next meeting of the Transportation and Infrastructure Committee is scheduled for **Monday, April 20 @ 2:30 pm** City Hall, 2E Community Room A.

I. ADJOURNMENT

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

The Transportation and Infrastructure Advisory Committee adjourned at 1:32 pm.

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Jane Sullivan, City Clerk

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Councillor Gill, Chair