



Public Works & Transportation Committee

Date: Wednesday, June 23, 2010
Place: Anderson Room
Richmond City Hall
Present: Councillor Sue Halsey-Brandt, Vice-Chair
Councillor Derek Dang
Councillor Harold Steves
Mayor Malcolm Brodie
Absent: Councillor Linda Barnes, Chair
Councillor Ken Johnston
Call to Order: The Vice-Chair called the meeting to order at 4:30 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Public Works & Transportation Committee held on Wednesday, May 19, 2010, be adopted as circulated.

CARRIED

NEXT COMMITTEE MEETING DATE

Wednesday, July 21, 2010 (tentative date) at 4:30 p.m. in the Anderson Room

PLANNING AND DEVELOPMENT DEPARTMENT

- 1. TRANSLINK SMART CARD AND FAREGATE PROJECT - IMPLEMENTATION SCHEDULE**
(File Ref. No. 01-0154-04) (REDMS No. 2898166)

Public Works & Transportation Committee

Wednesday, June 23, 2010

With the aid of a PowerPoint presentation (attached to and forming part of these Minutes as Schedule 1), Fred Cummings, Vice President, Engineering & Implementation, TransLink, joined by Paul Lavallee, Consulting Project Manager, Smartcard & Faregate Project, IBI Group, reviewed TransLink's Smart Card and Faregate Project and commented on its implementation.

In reply to queries from Committee, TransLink representatives provided the following information:

- Smart Cards will be primarily utilized for transit oriented services;
- even with Faregates in place, TransLink will continue to provide supervision at the various types of transit stations;
- TransLink anticipates launching a significant retail component for ease of purchase of Smart Cards; and
- Smart Cards will store fare information that will allow for appropriate transfer privileges.

In reply to a comment made by Committee, Mr. Cummings advised that he would share statistical information regarding the effects of faregates on fare evasion.

Committee noted that Richmond has long anticipated the implementation of Smart Cards and faregates and wished other regional municipalities would see their value.

It was moved and seconded

- (1) *That staff continue to work with TransLink to facilitate the implementation of a smart card fare collection system including electronic faregates at all Canada Line rapid transit stations; and*
- (2) *That a letter be sent to the Minister of Transportation, TransLink, and local MLAs stressing the importance and Richmond City Council's support for smart cards and faregates.*

The question on the motion was not called as discussion ensued and in reply to queries from Committee, Mr. Lavellee advised that the proposed faregates will be equipped with optical readers in order to allow for sufficient time for wheelchairs and strollers to pass through.

The question on the motion was then called and it was **CARRIED**.

ENGINEERING AND PUBLIC WORKS DEPARTMENT

2. **FUNDING AND CONDITION OF ROADS**

(File Ref. No.: 10-6060-10) (REDMS No. 2894287)

John Irving, Director, Engineering, introduced Lloyd Bie, Manager, Engineering Planning, and provided background information.

Public Works & Transportation Committee

Wednesday, June 23, 2010

In response to queries from Committee, Mr. Irving advised that: (i) staff have received the highest number of complaints regarding the road condition of No. 4 Road from Westminster Highway to Granville Avenue; (ii) staff anticipate bringing forward a report regarding other public works related priorities; and (iii) many of the roads in east Richmond deteriorate sooner than other roads due to the area's soil composition.

It was moved and seconded

That \$574,000 be allocated to rehabilitation of No. 4 Road from Westminster Highway to Granville Avenue from the Asphalt Paving Provision Account.

CARRIED

3. 2009 ANNUAL WATER QUALITY REPORT

(File Ref. No.: 10-6650-01) (REDMS No. 2875876, 2816251)

Tom Stewart, Director, Public Works Operations, joined by Doug Anderson, Manager, Water Services, provided background information.

In reply to comments made by Committee, staff advised that the 2009 Annual Water Quality Report has been approved by Richmond's Medical Health Officer, but must be presented to Council at an open Council meeting.

It was moved and seconded

That the 2009 Annual Water Quality Report dated June 4, 2010 be approved.

CARRIED

4. MANAGER'S REPORT

(1) Sewer Line

Robert Gonzalez, General Manager, Engineering and Public Works, spoke of an upcoming memorandum to Council regarding the replacement of Metro Vancouver's main sewer line that runs along Gilbert Road to the Lulu Island Wastewater Treatment Plant. He noted that the project includes a large traffic management component and has been funded as a maintenance item under Metro Vancouver's capital plan.

(2) Sewage Spill

Mr. Gonzalez advised that typically municipalities are informed of sewage spills through provincial emergency program protocols. However, the City was not informed of the December 2009 spill as it was an issue with the treatment processes shutting down, and therefore, the provincial emergency program was not activated. Staff have since addressed this issue with Metro Vancouver and appropriate protocols have been established.

Public Works & Transportation Committee

Wednesday, June 23, 2010

(3) Job Order Contracting

Mary Brunet, Manager, Facilities Planning & Construction, referenced a memorandum dated June 20, 2010 (copy on file, City Clerk's Office), and spoke of a new procurement method for facilities construction and maintenance work called Job Order Contracting (JOC). Ms. Brunet provided background information on JOC and advised of its processes.

ADJOURNMENT

It was moved and seconded

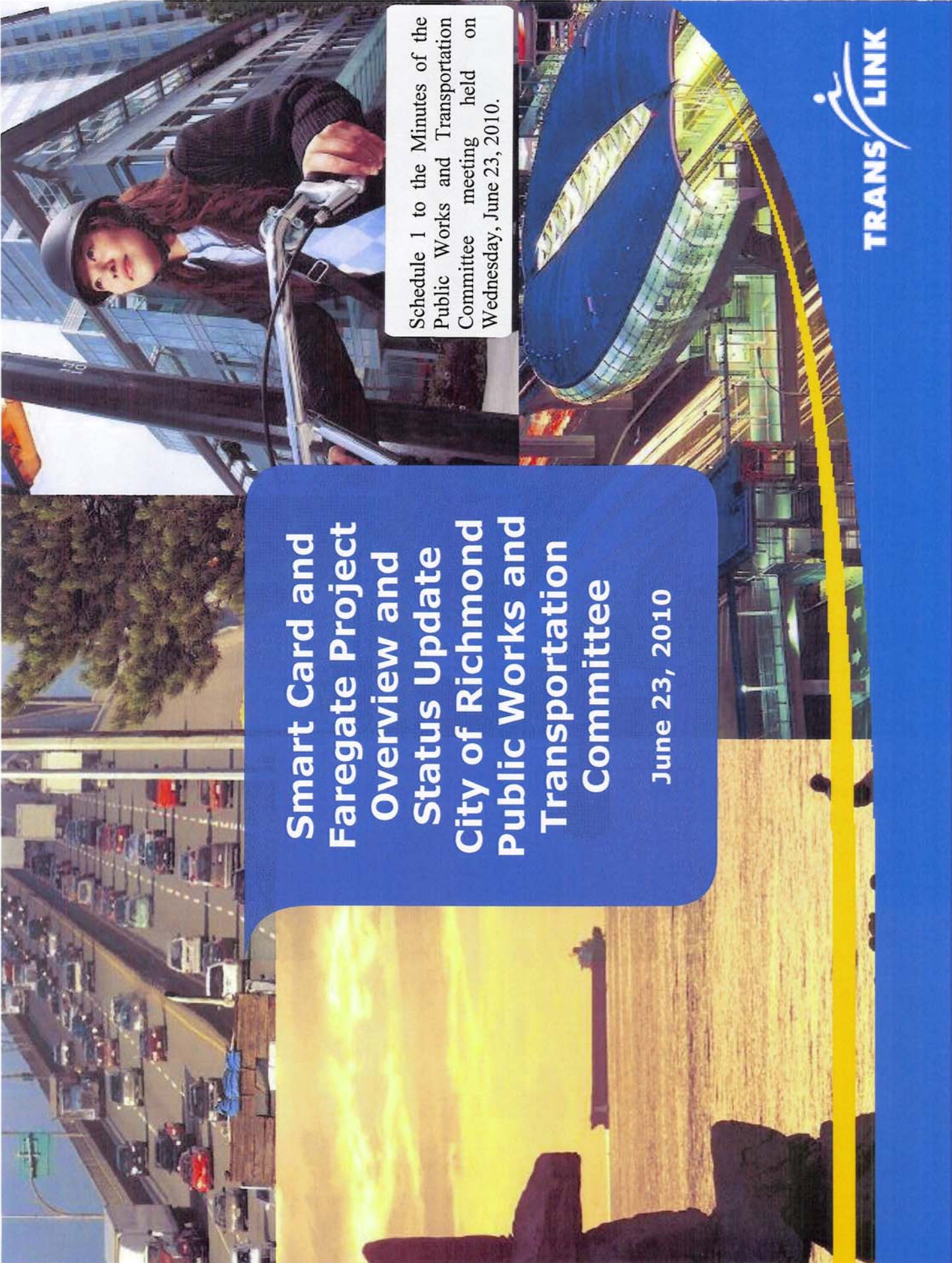
That the meeting adjourn (5:29 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Public Works & Transportation Committee of the Council of the City of Richmond held on Wednesday, June 23, 2010.

Councillor Sue Halsey-Brandt
Vice-Chair

Hanieh Floujeh
Acting Executive Assistant
City Clerk's Office



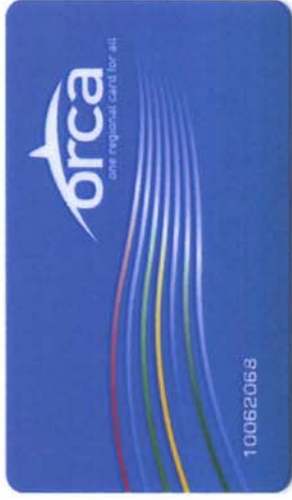
**Smart Card and
Faregate Project
Overview and
Status Update
City of Richmond
Public Works and
Transportation
Committee**

June 23, 2010

Schedule 1 to the Minutes of the
Public Works and Transportation
Committee meeting held on
Wednesday, June 23, 2010.



1. **Improve operating efficiency and increase ridership through improved customer and ridership information and data**
2. **Create new opportunities to generate or increase revenue**
3. **Provide new and convenient options for customers to increase customer satisfaction**
4. **Improve the quality and efficiency of transit service delivery**
5. **Improve safety and security**



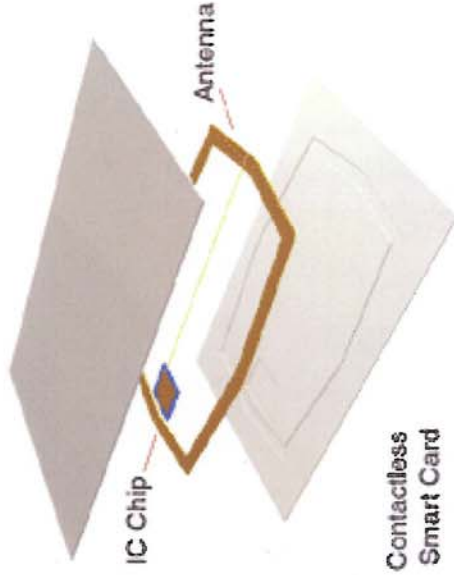
An “intelligent” card that be used for fare payment and other services

Computer chip is embedded in a credit-card size plastic card

Highly flexible - supports a range of fare products and pricing strategies

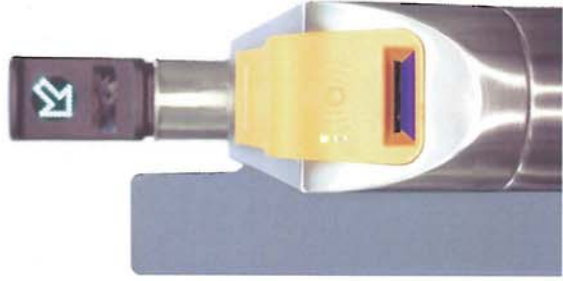
Can be printed with custom graphics and photos

Available in two types – “permanent” and “disposable”





PLATFORM
VALIDATOR



FAREGATE
READER



HANDHELD
INSPECTION DEVICE



FRONT
DOOR



REAR
DOOR

TYPICAL RAIL/FERRY READERS

TYPICAL BUS READERS



Scope

• Replace all fare collection equipment across entire TransLink network

- Expo, Millennium, Canada Lines (includes faregates)
 - West Coast Express
 - SeaBus (includes faregates)
 - Buses (including Handy Dart, Community Shuttles)
- Contractor to operate and maintain equipment and system for 10 years

• Modify stations to accommodate faregates

Budget

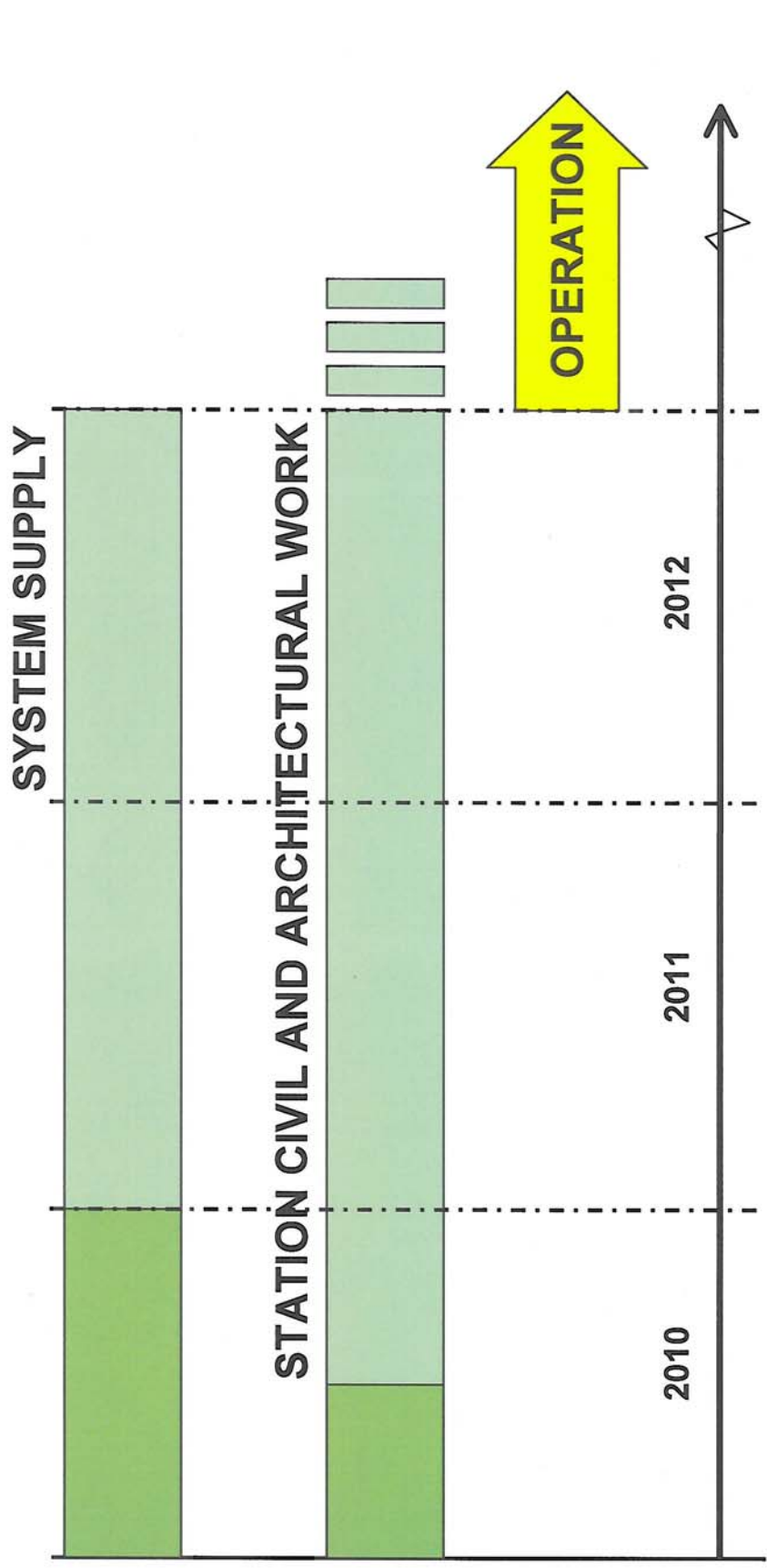
• Approved project budget is \$171.3 million with contributions from senior governments

Station Civil and Architectural Upgrades

- Millennium and Canada Lines designed for faregates – minimal upgrades needed
- Expo Line/SeaBus requires more substantial upgrades
- Because of complexity, following conventional DBB approach
- Four design packages
- Anticipate 4-8 construction packages
- Follow DAP/CAP process as agent of BC Transit (lines are a Provincial asset)

Smart Card and Faregate Systems

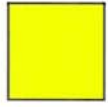
- Implement smart cards across all TransLink transit modes (bus, rail, accessible transit)
- Faregates in SkyTrain (3 lines) and SeaBus stations
- “Tag-on/tag-off” operation
 - Improve data collection
 - Inform future policy directions
 - Provide maximum flexibility
- DBOM procurement approach
- 10 years O&M after system implementation



PROCUREMENT



DESIGN &
CONSTRUCT



OPERATE

- RFQ Shortlist Announced
 - Cubic / IBM
 - Thales / Octopus
 - Serco / Parkeon
- RFP
 - Expect to issue at the end of the month
 - Preferred Proponent identified late Fall
- Station Upgrades
 - Station design modifications underway
 - Municipal review / comments as required
 - Construction on Expo and Millennium Line stations to commence next year

Thank you

TRANS LINK

