The Vine Bus Rapid Transit:
Preparing for BRT Construction and Implementation

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Vancouver City Council Workshop

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The C-TRAN BRT project (aka “The Vine”), is close to starting corridor construction.

The purpose of this presentation is to:
1. Provide a refresher on the BRT project
2. Overview of City preparations for BRT construction
1. The Vine BRT Project
   - BRT Corridor
   - Vancouver Mall Transit Center
   - Downtown/Turtle Place
   - Construction Sequence

2. City of Vancouver staff objectives
   - Project Coordination
   - Construction Communications
1. The Vine BRT Project

The Vine BRT is a flexible, high performance rapid transit service that combines a variety of physical, operating, and system elements into a permanently integrated system with a quality image and unique identity.
BRT Implementation - 5

• Ridership anchors at each end on high transit ridership route
• Replaces Routes 4 and 44 with higher frequency and higher amenity service
• Complementary to urban/suburban corridor redevelopment and sub area plans
• Integral to RTC Regional Transportation Plan

The Vine: Corridor
The Vine: Travel Time Reduction

Transit Travel Time Comparison

- **Stopped for Traffic**
  - CURRENT: 19%
  - BRT: 21%

- **Loading & Unloading**
  - CURRENT: 36%
  - BRT: 14%

- **Travel Time**
  - CURRENT: 45%
  - BRT: 45%

**Travel Time Reduction**
- Fourth Plain Corridor Transit Signal Priority
- Station Design, Vehicle and Level Boarding

BRT Implementation - 6
The Vine: Vehicle

- 60-foot articulated bus with hybrid-electric propulsion
- Wider, double-opening doors
- Low-floor design and level boarding

- Bikes on board (rear-door access)
- Access by persons using wheelchairs from middle door
- Bridge plates on middle door
- Unique image and styling
The Vine: Stations
The Vine: Vancouver Mall Transit Center
The Vine: Turtle Place
### Construction Sequence

<table>
<thead>
<tr>
<th>Construction Segment</th>
<th>Estimated Construction Timeframe</th>
<th>Construction Notes</th>
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<tbody>
<tr>
<td>A Downtown</td>
<td>Oct. 2015 to Spring 2016</td>
<td>Start at Turtle Place</td>
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<tr>
<td>B Corridor</td>
<td>Oct. 2015 to Fall 2016</td>
<td>Fort Vancouver Way Summer 2016</td>
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<tr>
<td>C Maintenance Facility</td>
<td>Sept. 2015 to Summer 2016</td>
<td>Need storage for vehicles as they arrive</td>
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<tr>
<td>D Westfield Vancouver Mall</td>
<td>Jan. 2016 to Fall 2016</td>
<td>No construction during holiday season</td>
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2. Ensuring a Successful BRT Project

What should the City of Vancouver do to ensure a successful BRT project?

1. Regular coordination with staff, CMO and City Council
2. Defined roles and expectations for communications between City and C-TRAN
Successful transit corridor projects require interagency coordination and community support:

- PW will designate a City Project Manager for the BRT Construction (Construction Services)
- Construction Services PM will attend C-TRAN weekly project construction meetings
- Coordinate communications with key partners, such as VDA and Clark College
- City staff focus on partnership with C-TRAN
- City Council updates at key milestones
3. Ensuring a Successful BRT Project: Construction Communication

C-TRAN communications will have primary responsibility for:

- Construction Hotline: 360-953-4828
- Issues with property owners
- Issues with access during construction
- Issues with traffic, pedestrian and bicycle safety
- Questions/issues with emergency response procedures in construction zones

C-TRAN will:

- Have 2 people dedicated to construction communication
- Follow CoV Public Works construction and communication protocols
3. Ensuring a Successful BRT Project: Construction Communication

City communications will have primary responsibility for:

PW/Construction Services
- Receives calls about ROW, utility, construction issues, access issues, etc. - coordination with C-TRAN
- Construction Services will attend weekly C-TRAN project meetings

CED
- Include link on City website to C-TRAN site for construction updates
- Direct calls to C-TRAN
- Keeps staff and departments coordinated with latest information via SharePoint site
3. Ensuring a Successful BRT Project: Summary

How have other Cities been successful with BRT Implementation?

- Staff is actively engaged
- Departments communicate effectively
- Follow project communication protocols
- City Staff: Approach issues and concerns in problem-solving mode
- View themselves as a partner in the project
Questions and Discussion

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