Transportation Annual Update

Council Workshop
October 18, 2016

Transportation Section
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Tonight’s Discussion

Work Plan

- 2016 Overview
- 2017 Overview

TMP Update

- Process
- 5 Focus Areas
Work this year

2016 Update
TRANSPORTATION PROJECTS

October 30, 2016

This document provides the status of the transportation work that is complete or on-going this year. A one-page summary of each project group is included in this package.

2016 Transportation Project Update:
1. Major Projects
   a. Keith Road Bridge Update
   b. Montreaux Bridge Update
   c. Lower Lynn Interchanges
   d. Phibs Exchange
   e. Eastlink No. 9 Water Main
2. Highways
3. School Safety Projects
4. Transportation Master Plan (TMP) Update
5. Pedestrian Projects
6. Cycling Projects
7. Transportation Studies
8. Maplewood Transportation Study
   a. E. 11th Multimodal Corridor Study
   b. Main Frequent Transit Corridor Study
   c. Delta Coast Transit Study
   d. Inter River Sub-area Transportation Study
9. Transit Related Infrastructure
10. LED Street Lighting Program
11. Sidewalk Programs

Appendix B: 2017 Proposed Transportation Projects

The proposed projects below are prioritized for 2017 funding because of (a) available partner funding, (b) building the town and village centres, and (c) making progress on the transportation plans.

Several projects are multi-year projects. Approval and further project details, such as total costs to the District will be part of the budget deliberation process. The projects listed below are not ranked in any particular order. Cost estimates are approximate.

1. Montreaux Bridge: Work on the conceptual design for Montreaux Bridge is complete and the tender for construction on the bridge is currently underway. Construction is scheduled to start in early 2017. Bicycle and pedestrian safety will also be addressed in this project.

   $ 7 - 8 Million (preliminary)

   2. Phibs Exchange: In June of 2016, the federal government announced funding for the Phibs Exchange, effectively closing the funding gap and allowing the project to proceed. Upgrades are scheduled to go ahead in early 2017. The District may wish to financially ensure success.

   $ 1,000,000 (DNV only)

   3. Lynn Valley Interchanges: Pre-construction on the first three phases of the Lynn Valley Interchanges is currently underway for Mountain Highway. The project is scheduled to be completed by the end of 2018. Functional design is currently in progress at the Lynn Valley/Lillooet Road/Mount Seymour Parkway interchange and will continue.

   $ 500,000,000 (All parties)

   4. Lynn Valley Roundabout: The Central Station was generally agreed upon by Council for use in 2017. Funding still needs to be confirmed before a detailed plan is developed. The next section between the Centre and Keith Road, which is funding the development.

   $ 6,140,000

   5. Sidewalk Projects: Pedestrian projects are determined each year by the Transportation Plan. Several sidewalk projects on Ross Road between Allen Road and Hopkins Road across Mountain Highway at 15th Street.

   $ 230,000
Transportation Master Plan

- Provides Vision
- Identifies Projects
- Guides Policies
- Coordinated with OCP
- Guides Investments

TMP Update
Time to refresh the priorities

District-Wide
- Spirit Trail
- Safe routes to school
- Pedestrian crossings
- Bike routes through re-paving
- Transit supportive improvements

Lynn Valley
- Safety improvement
- Sidewalks
- Bike routes
- Transit stop improvements

Maplewood
- Safety improvement
- Bike route
- Transit stop improvements
- Barrow-Spicer connector

Lions Gate
- Safety improvement
- North-south transit priority
- Bike routes

Lynn Creek
- Highway 1 Interchanges
- North Service Road planning
- Keith Road and Bridge
- Spirit Trail bridge
- Sidewalks
- Bike routes
- Phibbs Exchange
Commonly-Heard Issues

- Not enough buses!
- Too much traffic!
- Not enough bike lanes!
- I want residential parking only!
- Transportation should be in place before development!
- We can’t get across the highway!
- We need a sidewalk!

TMP Update
TMP Process

TECHNICAL PROCESS

Goals & Objectives
Existing and Future Conditions
Needs and Options
Evaluation and Scoring
Bylaws and Policies
Write Plan

PUBLIC CONSULTATION

PUBLIC
DISTRICT COUNCIL
Proposed New Focus Areas

1. Protected Bike Network
2. Parking Policy
3. Main-Marine Frequent Transit Corridor
4. System Management
5. Vision Zero
Protected Bicycle Network

BIKING ROUTES
- Existing On-Street Bike Route
- Proposed On-Street Bike Route
- Existing Off-Street Bike Route
- Proposed Off-Street Bike Route

Legend:
- Existing On-Street Bike Route
- Proposed On-Street Bike Route
- Existing Off-Street Bike Route
- Proposed Off-Street Bike Route
Parking Policy

- Private
- On-Street
- Parks
Main-Marine Transit Corridor

B-Line or Better Service Planned:
Dundarave to Maplewood

TMP Update
System Management

- Traffic signal optimization and coordination
- Measuring and monitoring
- Information to travellers
- Performance indicators
Vision Zero

A commitment to have zero traffic-related deaths and injuries on our community’s streets.
Discussion

1. Protected Bike Network
2. Parking Policy
3. Main-Marine Frequent Transit Corridor
4. System Management
5. Vision Zero
6. Other
Funding the Transportation Plan
(2015 Data)

- Pedestrian
- Cycling
- Spirit Trail
- Multi-Modal Corridors
- Roads

Funding Sources:
- Gap and/or DNV funding
- Grants
- Developer Contributions

Finance

- $30M
- $20M
- $10M

$10M

$20M

$30M
Thank you