Transportation Update

Council Workshop
February 2, 2016

Ingrid Weisenbach
Erica Geddes
1. Transportation Topics:
   - Spirit Trail
   - School Transportation
   - Crosswalks
   - Traffic Calming - policy direction

2. Funding Transportation Projects

3. Discussion and next workshops
Spirit Trail

District of North Vancouver’s Western Section was completed in early 2012.

Central Section planning and design is underway now that Bridgman and Seylynn Parks Master Plan is complete.

In October of 2015, over 2,500 cyclists used the Spirit Trail.
Ongoing management

Sharing can be challenging…..
Revised Alignment for Spirit Trail

General alignment – detailed planning and engineering still required.

Requesting Council confirmation of route.
Hunter Street Bridge

Conceptual design complete. Funding not yet in place.
SCHOOL TRANSPORTATION
School Safety & Transportation Studies

Transportation Update – February 2016
Successful School Studies

North Vancouver School District #44

District of North Vancouver

Improved Safety & Access Conditions

Parents

School Staff

Transportation Update – February 2016
2015 School Studies

Capilano Elementary
Canyon Heights Elementary
Highlands Elementary

Transportation Update – February 2016
Study Recommendations

- Intersection Safety
- Parking
- Crosswalks
- Traffic Speed

Safe, active routes to school through collaborative priority-setting
CROSSING TREATMENTS
Crosswalk Hierarchy

- Unmarked Crossing (~ $15,000)
- Signed & Marked Crosswalk (~ $2,500)
- Rectangular Rapid Flashing Beacon (~ $15,000)
- Special Crosswalk (~ $75,000)
- Pedestrian Signal (~ $175,000)
Crosswalk Requests

Average Annual Crosswalk Requests
(2014 and 2015)

X-WALK REQUESTS: 13%
OTHER REQUESTS: 87%

Crossing Requests
2014: 31 of 248
2015: 49 of 371

Transportation Update – February 2016
Crosswalk Improvement Process

1. receive crosswalk request
2. evaluate request
3. prioritize improvement (if warranted)
4. determine funding strategy
5. construct project
Crosswalk Prioritization Criteria

- PUBLIC CONCERNS & REQUESTS
- TRANSIT ROUTE
- STREET CONDITIONS
- PEDESTRIAN DEMAND
- LAND USE (schools, centres)
## Crosswalk Upgrades

<table>
<thead>
<tr>
<th>Completed in 2015</th>
<th>In Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Montroyal Blvd at Shirley Avenue</td>
<td></td>
</tr>
<tr>
<td>• Montroyal Blvd at Cliffridge Avenue</td>
<td></td>
</tr>
<tr>
<td>• Kirkstone Road at Rufus Drive (lighting improvement)</td>
<td></td>
</tr>
<tr>
<td>• Mount Seymour Parkway at Fairway Drive</td>
<td></td>
</tr>
<tr>
<td>• Fairmont Road at Thorncliffe Drive</td>
<td></td>
</tr>
<tr>
<td>• E 13&lt;sup&gt;th&lt;/sup&gt; Street at Gladstone Avenue</td>
<td></td>
</tr>
<tr>
<td>• Capilano Road at Paisley Road (estimate completion in spring of 2016)</td>
<td></td>
</tr>
</tbody>
</table>
TRAFFIC CALMING
Traffic Calming: What is it?

**Definition:** The combination of mainly physical measures that reduce the negative effects of vehicle use, alter driver behaviour, and improve conditions for other street users.

- **ROAD SAFETY IMPROVEMENTS**
  - Example: Improved Crosswalk

- **TRAFFIC CALMING**
  - Example: Speed Humps

- **MEASURES TO DISCOURAGE SPEEDING**
  - Example: Speed Reader Board
Traffic Calming

- Beneficial to all users
- Self-enforcing
- Appropriate for the speeds & volumes
- Improves neighbourhood quality of life
Transportation Update – February 2016

Traffic Calming Policy

- Neighbourhood Project
- Local Area Service (LAS)
- Engineering Review
- Consultation
- Neighbourhood Petition
- Projects included in capital budget request
- Successful petitions presented to Council
- District Pays (Local and Collector Roads)
- Neighbourhood Pays (Local and Collector Roads)

Transportation Update – February 2016
Traffic Calming Question #1

Should District consider traffic calming requests on collector roads?
Traffic Calming Question #2

Should District fund approved traffic calming projects on collector roads through the LAS program?

Benefitting Property Owner funded

RANGE OF OPTIONS

District funded
Traffic Calming Question #3

Is Council in favour of making temporary traffic calming permanent at the intersection of E. 29th and Williams Avenue?
Traffic Calming

Next Step
FUNDING TRANSPORTATION
Capital Funding

Sustainment

District Wide
- Tax levy
- Minor grants

Little or no funding gap

Investment

Inside Centres
- Development
- Grants
- Other

Development funded

Outside Centres
- Development
- Grants
- Local Improvements

Funding gap

Transportation Update – February 2016
Possible Source

Funding for small-scale investment projects

Does Council desire to explore establishing on-going funding for projects outside of the centres?

Transportation Update – February 2016
Active Transportation

Intention for ongoing fund to include:

• Crosswalks
• School Transportation Projects
• Sidewalks
• Minor Cycling projects
Council Workshops

February 2nd, 2016

- Spirit Trail Alignment
- School Traffic and Safety
- Crosswalks
- Traffic Calming

Upcoming Workshop Topics?

- Major Projects
- Highway Interchanges
- North Shore Coordination
- Future of Transportation
- Traffic Modelling
- Traffic Signals
Thank you