Neighborhood Congestion Reduction Levy Program
Transportation Commission Update
January 25, 2018

Chris Long, Traffic Engineering Manager | Olivia Aikala, Traffic Engineer
Tonight’s Presentation

1. Program overview
2. Present scored project list – Tier 1
3. Present recommended project list for 2018
   ➢ Motion for approval: Staff seeks Commission support of the recommended project list for 2018
Program Development Steps

✓ October 26\textsuperscript{th}: Review scoring criteria
✓ November 9\textsuperscript{th}: Finalize scoring criteria

• January 25\textsuperscript{th}: Approve recommended project list for 2018
• Spring/Summer 2018: Develop recommended project list for funding in the 2019/2020 biennium
Neighborhood Congestion Reduction Program

• *(Per Ordinance 6304)* Projects to address and ease congestion for motor vehicles within, near and/or connecting neighborhoods to services to improve access and mobility.

• Small to medium sized near-term projects

• Program covers:
  • Traffic studies
  • Outreach
  • Preliminary and final design
  • Construction
Project Prioritization Framework Revisions

- Staff addressed two revisions suggested by the Commission:
  1. Applying the pass/fail criteria prior to Tier 1 scoring
  2. Level-of-Service scoring done relative to Mobility Management Area-Wide Standard

<table>
<thead>
<tr>
<th>Tier 0: Pass/Fail Criteria</th>
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<tbody>
<tr>
<td><strong>Pass/Fail - does addressing congestion require redevelopment or a future outside-led project?</strong></td>
</tr>
<tr>
<td>Pass</td>
</tr>
<tr>
<td>Fail</td>
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**Tier 1: Evaluation Prior to Traffic Study**

A. Existing Vehicle Level of Service (80 pt. maximum)

For intersections, vehicle level-of-service will be used. For corridors, travel times informed by the multi-modal level-of-service guidelines will be used. See scoring tables below.

<table>
<thead>
<tr>
<th><strong>Table 1: Tier 1 Intersection Scoring Table</strong></th>
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<tbody>
<tr>
<td><strong>NEED</strong></td>
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<tr>
<td></td>
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<tr>
<td>Low</td>
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Source: 2017 Transportation Facilities Plan (TFP) – modified

<table>
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<tr>
<th><strong>Table 2: Tier 1 Corridor Scoring Table</strong></th>
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*Reference Level-of-Service in Bellevue Toward a Multimodal Approach to Mobility (Chapter 5)
Scoring Criteria Summary – Tier 1 & Tier 2

**Tier 1**
Evaluation of projects based on “NEED” for improvements

**Tier 2**
Evaluation of projects based on “BENEFIT” of improvements
Creation of Project List

- Resident comments from 2016 levy outreach
- Comprehensive Transportation Project List (including the TFP)
- Locations in the 2017 Concurrency Report that exceed max LOS for Mobility Management Areas (MMA)
- Staff recommendations from past resident inquiries
2018 Recommended Projects

**ANALYSIS**
- Fund the nine (1-9) traffic analysis contracts informed by the Tier 1 scored project list

**DESIGN**
- Intersection Improvements at Newport Way/164th Ave NE, and 112th Ave NE/NE 24th Street
- Intersection Improvements on 150th Ave SE

**CONSTRUCTION**
- Intersection Improvements at Newport Way/164th Ave NE, and 112th Ave NE/NE 24th Street
2018 Traffic Analysis Projects

1. Main St/148th Ave & Kelsey Creek Plaza access
2. 148th Ave NE/NE 8th St
3. SE 8th St/Lake Hills Connector
4. NE 8th St/140th Ave NE
5. Newport Wy/Lakemont Blvd
6. 156th Ave SE @ Lake Hills Blvd, SE 16th St & SE 24th St
7. Lk Washington Blvd/SE 60th St
8. Lakemont Blvd/Forest Dr
9. 148th Ave NE/Lk Hills Blvd
Design & Construction: 164th Ave SE/Newport Wy

- Mini roundabout
- PM peak congestion
Design and Construction: 112th Ave NE/NE 24th St

- Meets traffic signal warrants
- Design and construction of an intersection treatment
Final Design: 150th Ave SE @ Newport Wy & SE 37th St

- Complete 100% design
- Currently contract covers design to 60%
Commission Action

Staff seeks Commission support of the recommended project list for 2018
Levy Program website:
http://www.bellevuewa.gov/Transportation Levy

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