

NEIGHBORHOOD LEVY PROJECT



TRANSPORTATION

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 26th: Review scoring criteria
- ✓ November 9th: Finalize scoring criteria
- **January 25th: 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



Tier 0: Pass/Fail Criteria

| | Pass/Fail - does addressing congestion require redevelopment or a future outside-led project? |
|------|---|
| Pass | Candidates whose congestion mitigation can be implemented without significant outside involvement |
| Fail | Mitigating congestion would require redevelopment or a future outside-led project |

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 1: Tier 1 Intersection Scoring Table

| NEED | | |
|--|---|---|
| LOS A, B, C v/c better than 15% of MMA Areawide Standard | LOS D v/c btw 15% & 5% of MMA Areawide Standard | LOS E, F v/c within 5% or exceeds MMA Areawide Standard |
| Low | Medium | High |
| 0 | 40 | 80 |

Source: 2017 Transportation Facilities Plan (TFP) – modified

Table 2: Tier 1 Corridor Scoring Table

| NEED | | |
|---|--|---|
| The corridor LOS is above the recommended* | The corridor LOS is within the recommended* | The corridor LOS is currently below the recommended* |
| Low | Medium | High |
| 0 | 40 | 80 |

*Reference Level-of-Service in Bellevue Toward a Multimodal Approach to Mobility (Chapter 5)

Scoring Criteria Summary – Tier 1 & Tier 2

Tier 1

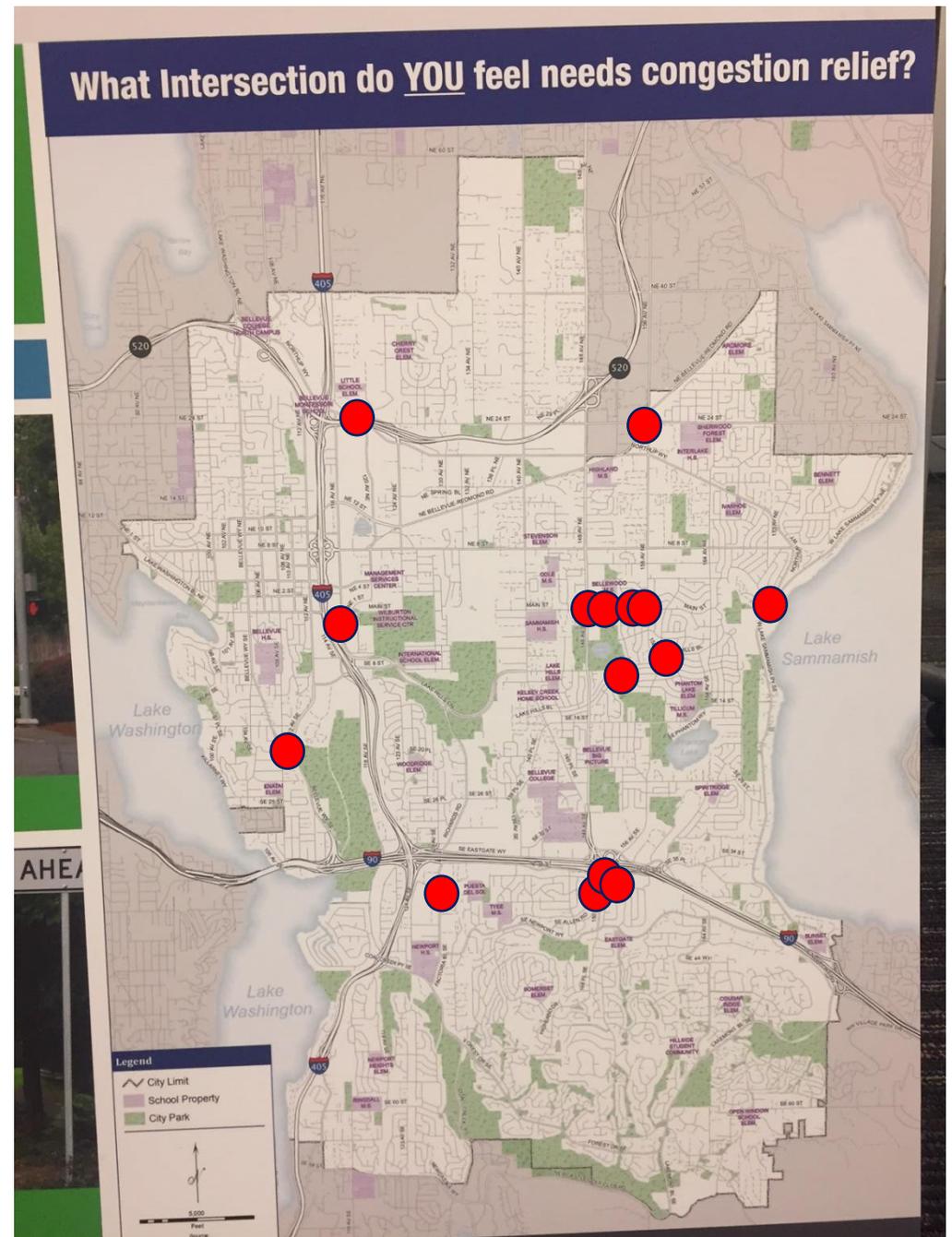
Evaluation of
projects based on
“NEED”
for improvements

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

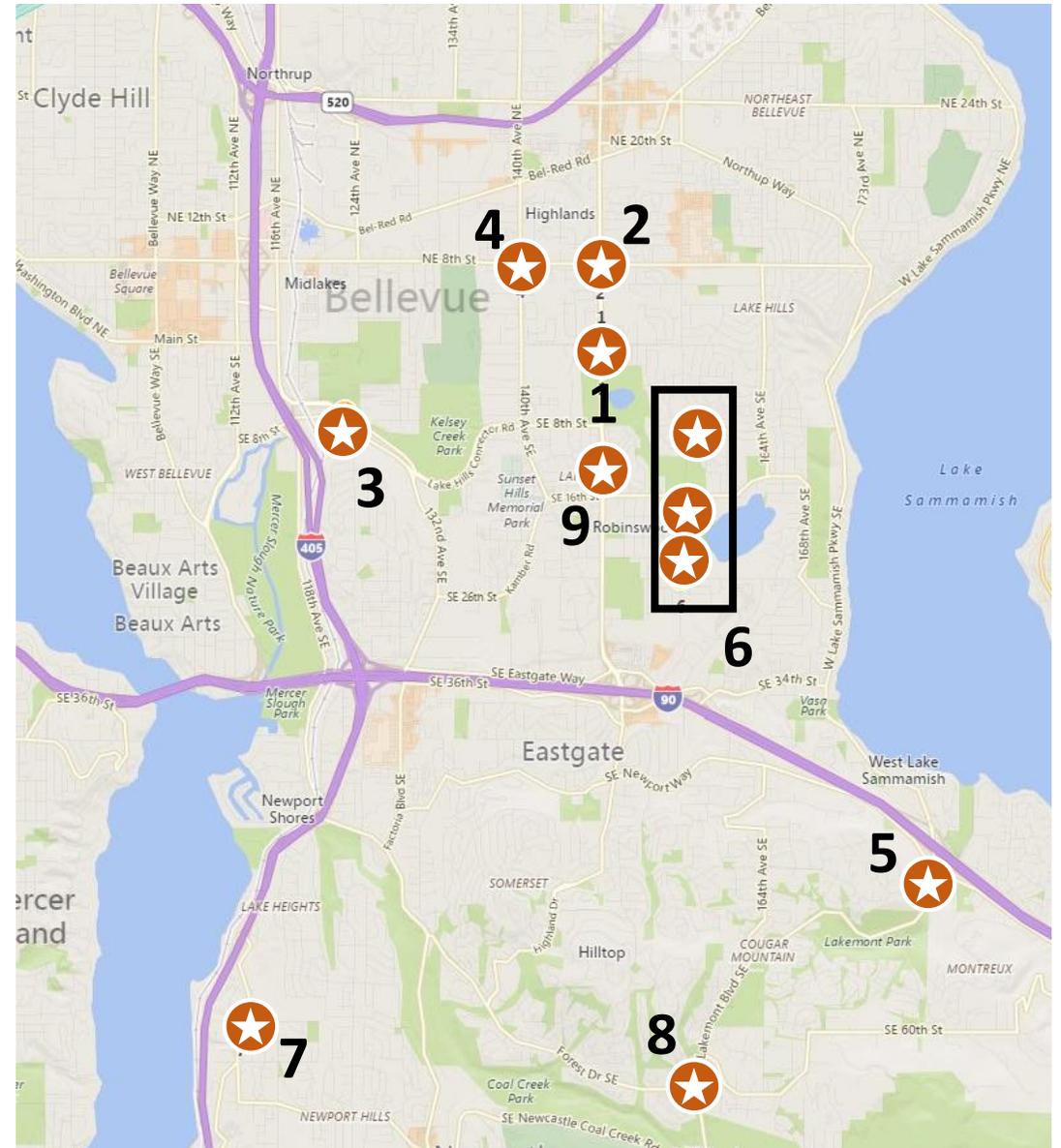
- Intersection Improvements at Newport Way/164th Ave NE, and 112th Ave NE/NE 24th Street
- Intersection Improvements on 150th Ave SE

CONSTRUCTION

- Intersection Improvements at Newport Way/164th Ave NE, and 112th Ave NE/NE 24th Street

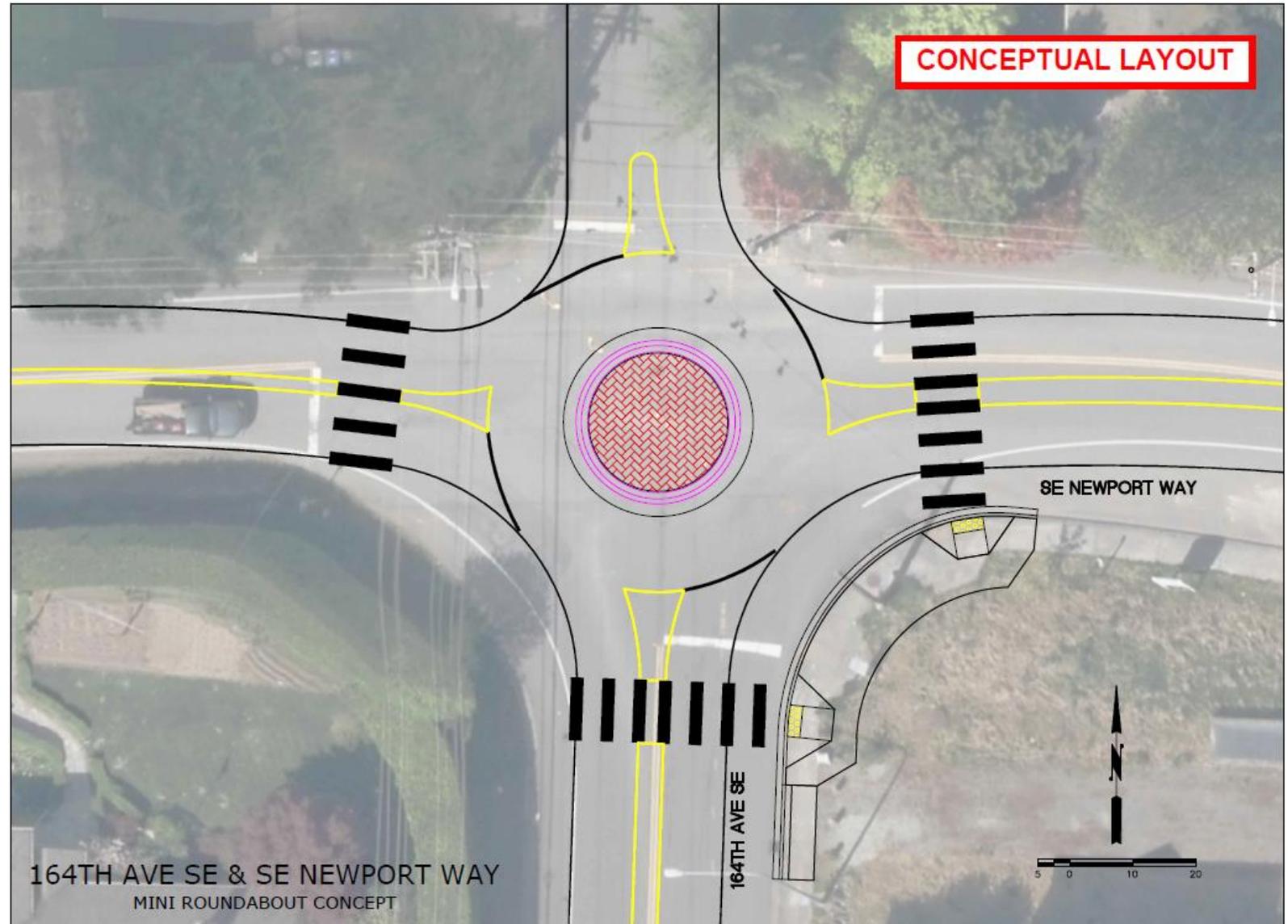
2018 Traffic Analysis Projects

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



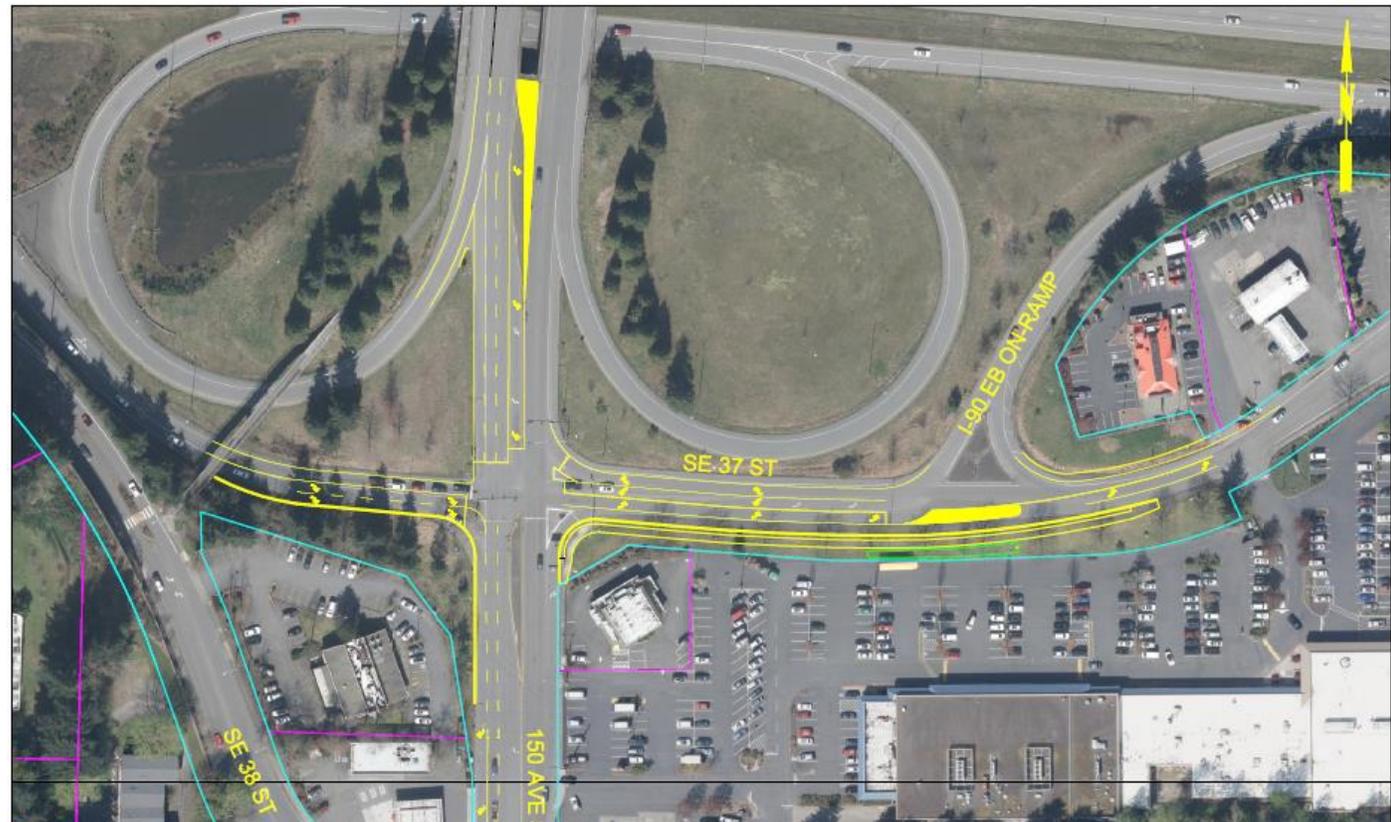
Design and Construction: 112th Ave NE/NE 24th St

- 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%



Questions



Commission Action

Staff seeks Commission support of the recommended project list for 2018

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TRANSPORTATION

Levy Program website:

<http://www.bellevuewa.gov/TransportationLevy>

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