North Downtown Mobility Action Program (NODO MAP)

Investments around North Downtown and the New Arena at Seattle Center
SDOT Vision, Mission, and Core Values

**Vision:** Seattle is a thriving equitable community powered by dependable transportation

**Mission:** to deliver a transportation system that provides safe and affordable access to places and opportunities

Committed to **6 core values:**
- Equity
- Safety
- Mobility
- Sustainability
- Livability
- Excellence
Presentation / Workshop Overview

1. NODO Mobility Action Plan (MAP) background and initial 10-year investment

2. New Arena at Seattle Center:
   a. 1st Ave N and Queen Anne Ave N
   b. 2nd Ave / Denny Way intersection

3. 1st Ave / Denny Way to 2nd Ave / Broad St PBL connection

4. Seattle Center to Waterfront NGW and Thomas St Overpass

5. Questions / comments
Background and Purpose

- Oak View Group (OVG) is required to construct or contribute to transportation projects as part of the SDCI Master Use Permit (MUP) decision.

- OVG will contribute $40 million over 39 years to a City (Arena) Transportation Fund (CATF) at $1,025,000 per year.

- North Downtown Mobility Action Plan (NODO MAP) identified and prioritized the recommended projects to be implemented in the Uptown, South Lake Union, and Belltown neighborhoods.
Project Identification, Screening, Evaluation
Oct. 2017 to Oct. 2018

- Community engagement for draft NODO Mobility Action Plan
- Existing plans
- Community input
- Arena Transportation and Mobility Subcommittee
- Interagency Working Group
- System needs identified by SDOT
- Went from over 500 project ideas down to 45 Tier 1 projects.
Recent and Upcoming Transportation Projects in North Downtown

- 7th Ave Mobility Improvements project
- SR 99 Tunnel
- 3rd Ave all-door boarding
- Terry Ave transit-only lane for streetcar
- Market to MOHAI pedestrian improvements
- 8th Ave interim PBL
- Pike / Pine interim PBL
- Bell St PBL and traffic calming
- "Your Voice, Your Choice" pedestrian safety project at 5th Ave/Denny Way
- Aurora Ave restoration and surface street reconnection
- Battery St restoration
- 9th Ave N PBL
- 4th Ave PBL
- Alaskan Way surface street and PBL
- Roy St pedestrian improvements
- Roosevelt RapidRide line
- RT 40 Transit-Plus Multimodal Corridor Project
- ST 3 Link expansion (final alignment and station locations are still under study)
Arena MUP Decision Projects

ARENA MUP CONDITIONS: FULL COST
- New Traffic Signal
- Curb Bulbs and/or Crosswalk Widening
- Protected Bicycle Lane
- Reconfigure Roadway

Area-wide project (not mapped)
Arena Access Management Plan (AAMP)

ARENA MUP CONDITIONS: CONTRIBUTION
- Adaptive Signals
- Transit-only lane
- Transit queue jump
NODO MAP Finalization and Execution Plan Development
Oct. 2018 to Dec. 2019

• Prioritize Tier 1 projects
  • Assess how projects support guiding principals
  • Apply community input, agency support, system needs
  • Develop planning-level cost estimates for recommended projects
  • Leverage improvements by others
  • Determine schedule of projects based on anticipated new arena opening date (mid-2021) and other projects’ schedules

• Refine project scope, assume project delivery method, identify team members, refine schedule and cost

• Confirm use of funding sources and partnerships to contribute to projects

• Final of NODO Mobility Action Plan (December 2019)
**NODO MAP 10-Year Investment/Priority Projects**

**NODO MAP 10-YEAR INVESTMENTS**

- **A** 1st Ave N and Queen Anne Ave N Complete Streets (e.g., transit-only lanes, transit queue jump, signal upgrades)
- **B** 1st Ave and Broad St Complete Street Extension (e.g., protected bike lanes, pedestrian crossing, signal upgrades)
- **C-West** Thomas Street Greenway: Seattle Center to Waterfront Greenway
- **C-east** Thomas Street Greenway: Protected Intersection at Dexter Ave N and Thomas St
- **D** Pedestrian Improvements In Belltown
- **E** Monorail Improvements Seed-Funding
- **F** SR 99 to Waterfront Access and Mobility
- **G** Denny Way Corridor East Operational Improvements
- **H** Harrison St Corridor Operational Improvements

*Area-wide project (not mapped)*

- **I** Neighborhood Programmatic Improvements (e.g., pedestrian improvements, wayfinding, striping, pedestrian-scale lighting, education programs)

**RELATED PROJECTS/PROGRAMS**

- Thomas Street Redefined (5th Ave N to Dexter Ave N)
## NODO MAP Priority Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Year</th>
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<tbody>
<tr>
<td><strong>A: 1st Ave N and Queen Anne Ave N Complete Streets</strong></td>
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<td><strong>B: 1st Ave and Broad St Complete Street Extension into Belltown</strong></td>
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<td><strong>C-East: Thomas Street Greenway: Thomas/Dexter Protected Intersection</strong></td>
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<td><strong>C-West: Thomas Street Neighborhood Greenway: Seattle Center to Waterfront</strong></td>
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<td><strong>D: Pedestrian improvements in Belltown (1st Ave and Battery St signal)</strong></td>
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<td><strong>E: Monorail Improvements Seed-Funding</strong></td>
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<td><strong>H: SR 99 to Waterfront Access and Mobility (Broad St) Signals</strong></td>
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<th>Project Year</th>
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New Arena at Seattle Center: 1\textsuperscript{st} Ave N and Queen Anne Ave N

- Redesign 1\textsuperscript{st} Ave N and Queen Anne Ave N
  - Transit-only lanes
  - Transit queue jump
  - Two new signals
  - Curb bulbs
  - Widen crosswalks
  - 2-way PBLs
- Ensure mobility and safety
  - Adaptive signal system
New Arena at Seattle Center: 2nd Ave / Denny Way Intersection

• Need to accommodate two 10’ southbound travel lanes along 2nd Ave south of Denny Way

• Discuss/workshop 2-way PBL placement separated space for pedestrians at intersection

• Existing channelization and right-of-way shown
2nd Ave / Denny Way Intersection - Looking South
2nd Ave / Denny Way Intersection - Looking North
Per Key Arena Master Use Permit (MUP), a two-way PBL will come down the West side of 1st Ave N to Denny Way.

Western curb space = paid parking

High volume of vehicles (~150/hr) making WB to SB turn onto Warren Pl and connecting to 1st Ave.

Eastern curb space = Bus Only lane or paid parking

Northern curb space = Bus Only lane or paid parking
Neighborhood Greenways

- Neighborhood streets
  - Low vehicle traffic (<1,500 per day)
  - Low vehicle speed (<20mph)
- Prioritize people walking and biking
  - Safer crossings of busy streets
  - Stop signs on intersecting streets
- Wayfinding
  - Connect to priority destinations
  - Connect to the citywide walking and biking network

Photo Credit: Charina Pitzel
Thomas St Overpass and Seattle Center to Waterfront NGW

SEATTLE CENTER TO WATERFRONT NEIGHBORHOOD GREENWAY

Proposed Scope

- Planned Neighborhood Greenway (target year 2021)
- Planned bike lanes (target year 2021 - by others)
- Signal upgrades (by others)
- New signals (by others)
- Retained existing all-way stop
- New all-way stop
- Improved civil connection to the Thomas St Overpass
Thomas St Overpass and Seattle Center to Waterfront NGW
NGW Connection to Thomas St

Overpass Options

Department of Transportation

OPTION 1

OPTION 2

OPTION 3
An extended multi-use area at sidewalk level that would extend approximately 20 feet north of the existing curb bulb by the Thomas St Overpass entrance.
Thomas St Overpass and Seattle Center to Waterfront NGW - Option 2

A raised protected bike lane and pedestrian sidewalk that would extend from the existing curb bulb by the Thomas St Overpass entrance to the 3rd Ave W and W Harrison St intersection.
Thomas St Overpass and Seattle Center to Waterfront NGW - Option 3

A multi-use trail at sidewalk level that would extend from the existing curb bulb by the Thomas St Overpass entrance to the 3rd Ave W and W Harrison St intersection, expanding the trail to the current center line of 3rd Ave W. This option would turn the majority of 3rd Ave W into a one-way street between W Thomas St and W Harrison St.
Thomas St Overpass and Seattle Center to Waterfront NGW - Opportunity for Input

- Online survey – now to 2/26/20

- Drop-in session – 2/19/20
  4 – 6 PM (drop in anytime)
  Elliott Bay Office Park
  300 Elliott Ave W
  Follow signage to room

- Details: https://www.seattle.gov/transportation/projects-and-programs/programs/greenways-program/seattle-center-to-waterfront-greenway
Websites

• NODO MAP
  • https://www.seattle.gov/transportation/NODOMAP

• Seattle Center to Waterfront NGW
  • https://www.seattle.gov/transportation/projects-and-programs/programs/greenways-program/seattle-center-to-waterfront-greenway
Comments/Questions?