New Arena at Seattle Center & NODO Mobility Action Program

Seattle Bicycle Advisory Board (SBAB)
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 MAP: 1st Ave / Denny Way to 2nd Ave / Broad St PBL connection

2. NODO MAP: Seattle Center to Waterfront NGW and Thomas St Overpass

3. New Arena at Seattle Center:
   a. 1st Ave N and Queen Anne Ave N
   b. Thomas St between 1st Ave N and Queen Anne Ave N
   c. 2nd Ave and Denny Way intersection
   d. Review PBL connection at Queen Anne Ave N between Roy and Mercer St***

4. Questions / comments

*** = conceptual design, not included with arena street improvement plans
NODO Mobility Action Program Map

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)
1st Ave / Denny Way to 2nd Ave / Broad St
Existing Conditions

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
Proposed West-leg crosswalk

Conflict point mitigation TBD; considering vehicle restrictions

Existing curb bulb to be removed

Conflict point mitigation TBD; considering vehicle restrictions
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

- Feedback from 12/4/19 SBAB: Extend existing loading zone west side of 3rd Ave W north of Thomas Street Overpass

- Opportunities for NGW connection to Thomas Street Overpass
  - 3 potential options
  - Online survey – now to 2/26/20
  - Drop-in session on 2/19/20
  - Details: https://www.seattle.gov/transportation/projects-and-programs/programs/greenways-program/seattle-center-to-waterfront-greenway
NGW Connection to Thomas St

Overpass Options

1. **OPTION 1**
   - Bike ramp
   - Curb bulb
   - Speed cushion

2. **OPTION 2**
   - Crossbike
   - Curb ramp
   - Bike ramp
   - Buffer
   - Extended curb
   - Relocated load zones

3. **OPTION 3**
   - Crossbike
   - Curb ramp
   - Bike ramp
   - 2' buffer
   - One-way
   - Extended curb
   - Relocated load zones
Arena Overview: Physical Improvements

We will talk through the improvements via Street Remix

https://platform ремикс.com/streets/plan/518a228e/scenario/d86f9176?latlng=47.61903,-122.35415,17.151
1st Ave N and Queen Anne Ave N

- Two-way protected bike lane on the west side of 1st Ave N from Denny Way to Thomas St

(DRAFT, FOR DISCUSSION PURPOSES ONLY)
1st Ave N and Queen Anne Ave N

- Left turn restricted from 1st Ave N to John St and Thomas St
- New signals on Thomas St at 1st Ave N and Queen Anne Ave N

(DRAFT, FOR DISCUSSION PURPOSES ONLY)
1st Ave N and Queen Anne Ave N

- New curb bulbs on 1st Ave N & Harrison St
- Left turn restricted from Queen Anne Ave N to Harrison St
- Two-way protected bike lane on the east side of Queen Anne Ave N

(DRAFT, FOR DISCUSSION PURPOSES ONLY)
1st Ave N and Queen Anne Ave N

- New curb bulbs on Harrison St and Republican St on 1st Ave N
- Left turn restricted from Queen Anne Ave N to Republican St

(DRAFT, FOR DISCUSSION PURPOSES ONLY)
1st Ave N and Queen Anne Ave N

- Left turn restricted from Queen Anne Ave N to Republican St
- Removal of existing mid-block crossing north of Republican St
1st Ave N and Queen Anne Ave N

- Review PBL connection at Queen Anne Ave N between Roy and Mercer St***

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Thomas St between 1st Ave N and Queen Anne Ave N

- Two-way traffic
- New traffic signal
- New traffic signal including a bike only phase
- One-way eastbound

(DRAFT, FOR DISCUSSION PURPOSES ONLY)
2nd Ave and Denny Way Intersection

- Need to accommodate two 10’ southbound travel lanes along 2\textsuperscript{nd} Ave south of Denny Way
- Existing channelization and right-of-way shown