

Welcome and Agenda

- Meet the project team
- Presentation
- Open house
- Next steps



Meeting purpose: share plans for interchange improvements and Bus Rapid Transit (BRT) at NE 85th Street and I-405 in Kirkland

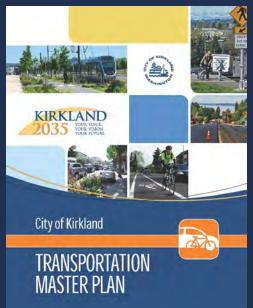


City of Kirkland













I-405 Master Plan

Regional Consensus

- EIS Record of Decision, 2002
- Multimodal, multiagency plan

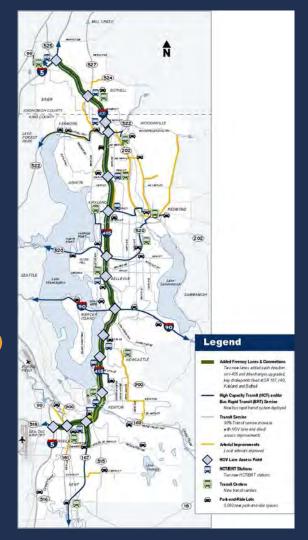
Roadways

- 2 new lanes in each direction
- Local arterial improvements

Transit & Transportation Choices

- Bus Rapid Transit system (preferred high capacity transit mode)
- New transit centers
- 50% transit service increase
- HOV direct access ramps and flyer stops
- Potential managed lanes system
- 5000 new Park & Ride spaces
- 1700 new vanpools

Environmental Enhancements





A New Line of Service

What is BRT?

 Bus Rapid Transit is a bus-based high capacity transit system that delivers fast, frequent, accessible bus service connections.

Sound Transit's BRT

- Opens in 2024
- Two corridors (I-405 and SR 522)
- Transit speed, reliability and access improvements
- BRT stations (signage, shelter, amenities)
- Parking facilities
- New BRT bus fleet
- Bus operations and maintenance facility
- Branding
- Rider information system



Example BRT – Community Transit Swift Source: Community Transit Blogspot

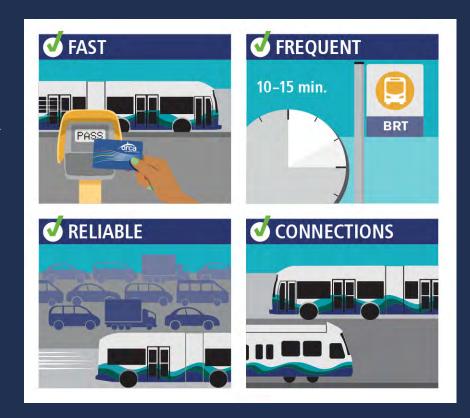


Example BRT – Minneapolis Metro A Line

Fast, Frequent and Reliable

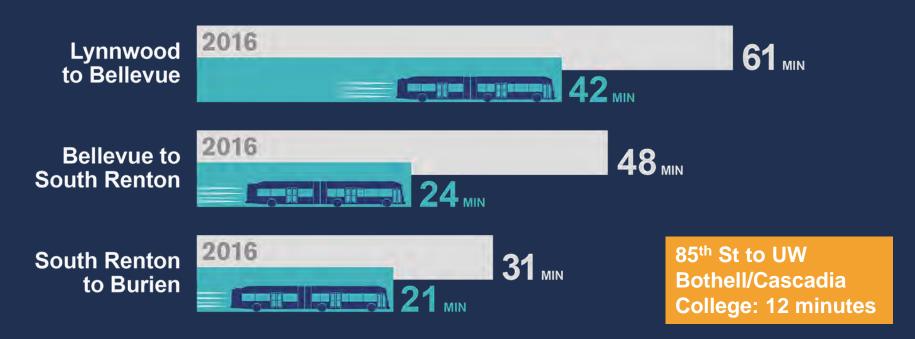
I-405 BRT infrastructure designed for fast, frequent and reliable service

- 10-minute peak,15-minute off-peak headways for I-405 BRT
- Up to 19 hours of service Monday through Saturday
- Up to 17 hours on Sunday



I-405 BRT Travel Times

Projected travel times upon opening with use of managed traffic lanes



Characteristics of a BRT System

- Speed, reliability and access
- Dedicated running ways, including managed lanes
- Dedicated and specialized vehicles
- Off-board fare collection
- Innovative station design
- Intelligent transportation systems (ITS)
- Operations (dwell and service times)
- Unique branding

BRT Features

- Branding
- BRT fleet
- BRT station design
- Bus operations and maintenance facility









Onboard bike parking



Precision docking rub rails





Connecting The Region

Sound Transit's system expansion means every few years new light rail, bus rapid transit and commuter rail stations open throughout the region, providing fast, reliable alternatives to congested roads.



soundtransit.org/system



I-405 BRT Highlights

37-mile corridor: Lynnwood to Burien

- 11 BRT stations across 7 cities
- 3 parking facilities
- 1 transit center
- Estimated 15,000 18,000 riders daily by 2040
- NE 85th Street:
 - In-line Station
 - Bus-only lanes from I-405 to 6th
 Street (Adjacent to Kirkland Urban)

I-405 BRT Project Schedule

Overall schedule

2018 2019 2020 2021 2022 2023 2024 ST3 Representative Environmental/ **Preliminary** Final Design Construction Opens for Project Refinement Conceptual Engineering Service Engineering

Ongoing community engagement



Improvements

I-405 Bus Rapid Transit inline station Direct access to Express Toll Lanes

Concept Development

August 2017: Stakeholder Charrette

Items of importance identified:

- Transit connectivity
- Non-Motorized mobility/ connectivity
- Kirkland Vision
- Compatibility with Master Plans
- Vehicular traffic operations
- Cost



Stakeholders from WSDOT, Sound Transit, City of Kirkland and King County Metro discuss objectives for design concepts (August 2017: Stakeholder Charrette)

Statement of Need

Multimodal connectivity between I-405 Bus Rapid Transit and the NE 85th Street corridor to fulfill the City of Kirkland's vision and the I-405 Master Plan, including express toll lanes.

Concept Development Process

24+ initial design concepts

Six groups of concepts

Two concepts

One concept selected to move forward

Stakeholders involved:

- City of Kirkland
- Federal Highway Administration
- Federal Transit Administration
- King County Metro
- Sound Transit
- WSDOT

Stakeholders identified considerations:

- Multimodal access to the BRT station
- Connections to Cross Kirkland Corridor
- Intersections at 114th and 120th Ave NE and coordination with bus-only lanes

Concept Development

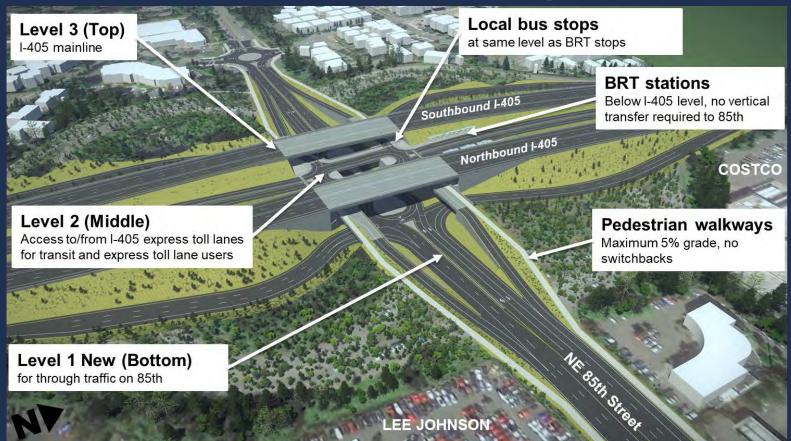
April 2018: Stakeholder Charrette

- Evaluated ST3 representative project and separated transit interchange concept
- Supported moving the separated transit concept forward



Stakeholders from WSDOT, Sound Transit, City of Kirkland, and King County Metro review two concepts and screening criteria

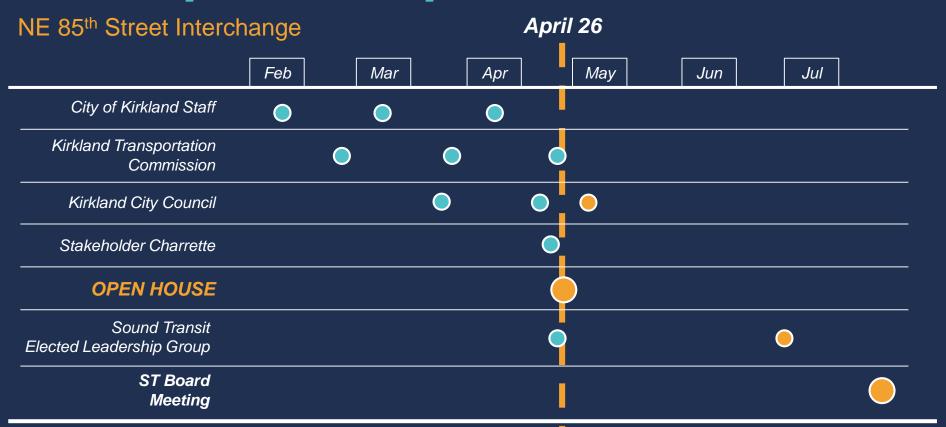
Separated Transit Design Concept



Design Concept Simulation



Concept Development Schedule



Next Steps

Upcoming Meetings (85th):

- Kirkland City Council (May 1)
- Sound Transit Board

Upcoming Meetings (BRT):

I-405 BRT Public Meetings (June)

Longer-term schedule (NE 85th Street interchange)



Stay Engaged



In person: fill out a comment card today



Email us: brt@soundtransit.org

soundtransit.org/i405brt







