



I-405 Bus Rapid Transit

Elected Leadership Group Meeting #2
September 7, 2018

Agenda

- Welcome and Introductions
- Public Comment
- Community and Stakeholder Update
- Project Update
- ELG Roundtable
- Action Items and Next Steps



Public comment



Community and Stakeholder Update

Interagency Group (IAG)

- *4 meetings held + 1 bus tour*
- *Next meeting: September 12*
- *Key accomplishments:*
 - *Provided input on BRT user experience*
 - *Developed project objectives and evaluation criteria*
 - *Discussed Level 1 screening options*

I-405 BRT community engagement

- ***Kirkland 85th open house: April 28***
- ***Kirkland 85th neighborhood briefings: May/June***

Corridor-wide:

- ***Renton open house: July 18***
- ***Kirkland open house: July 19***
- ***Online open house: July 16 – Aug 3***

1,532 Unique visitors

188 total comments

Fairs and festivals

- *Burien Strawberry Festival*
- *Kirkland Summerfest*
- *Renton River Days*
- *Tour de Totem (Totem Lake)*
- *Tukwila Fourth of July*
- *Sustainamania (Bothell)*



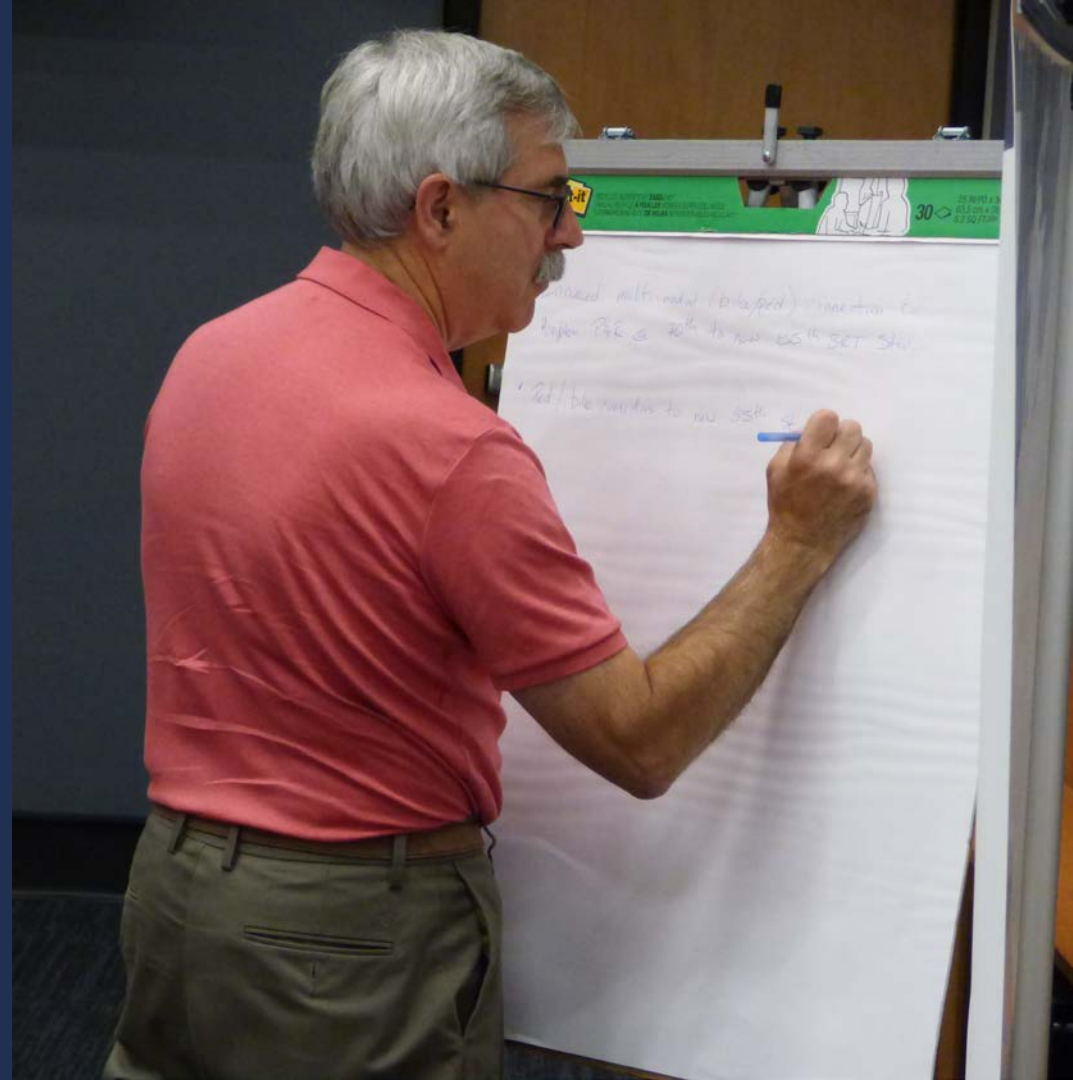
Feedback solicited

- ***Unique aspects of your community***
- ***Evaluation criteria you think Sound Transit should consider***
- ***How you plan to access stations***
- ***Any concerns about access***
- ***Location-specific comments***
- ***Ideas about project refinements***



Key themes

- *Need for additional parking*
- *Improve local transit integration*
- *Improve station access through multiple modes*
- *Request for alternate or additional locations for BRT stations*
- *Need for fast, frequent, and reliable service that can bypass congestion*



Upcoming outreach

- *Neighborhood, community and organization briefings*
- *Fairs and festivals*
- *Online open house*
- *Translated materials*

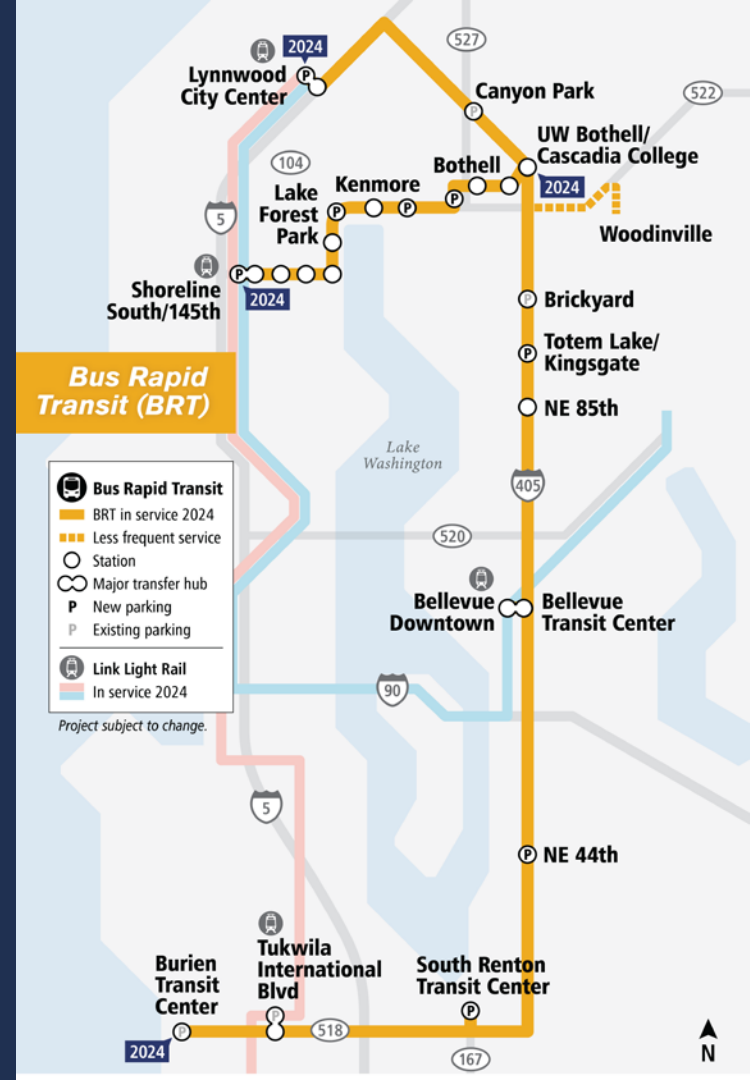




I-405 BRT Project updates

I-405 BRT Project

- **11 BRT stations**
- **1 new transit center**
- **3 new/expanded parking facilities**
- **Integration with Link light rail and local services**
- **Connection to SR 522/NE 145th BRT**



Recent work

- *Purpose Statement*
 - *Community context*
 - *Existing conditions*
 - *Screening criteria*
 - *ST3 project refinements*
 - *Service planning*
 - *Operations analysis*
 - *Permitting framework*
 - *Bus base programming*
 - *Station area planning*
 - *Station design**
 - *Branding**
 - *Fleet analysis**
 - *Stakeholder involvement*
- * *Elements common to both BRT projects*

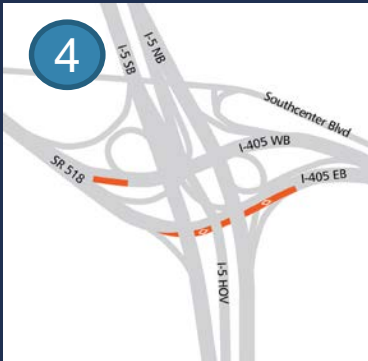
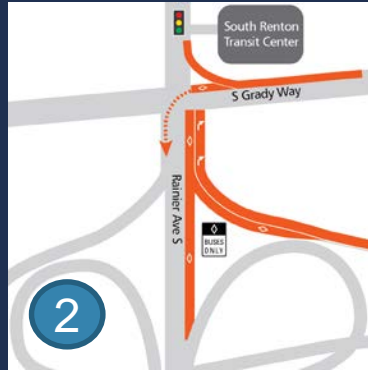
Project Objectives

- *Improve speed, frequency and reliability in the corridor*
- *Increase regional mobility*
- *Deliver the project on-time and within budget*
- *Develop stations to support safe and convenient access for multiple modes*
- *Encourage equitable transit-oriented development*
- *Promote a healthy and sustainable environment*

Project Evaluation Criteria

- ***BRT Travel Time***
- ***Service Reliability***
- ***Non-motorized Access***
- ***Transit Access***
- ***Vehicular Access***
- ***Regional Transit Connectivity***
- ***Regional Mobility***
- ***Land-Use Compatibility***
- ***Ease of Implementation***
- ***Social, Natural and Built Environment***

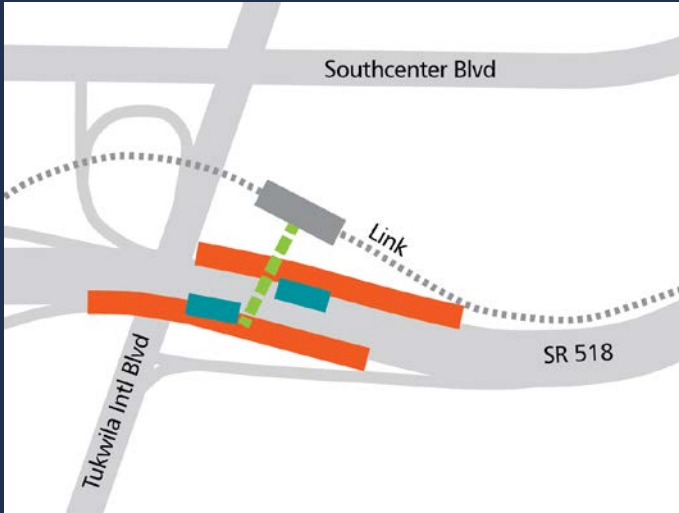
Transit speed and reliability options



- 1 Lynnwood Transit Center**
Business access and transit lane, on-ramp widening
- 2 South Renton Transit Center**
Roadway bus priority treatments (queue jumps, TSP)
- 3 I-405 North Corridor**
Bus on shoulder
- 4 I-405/I-5 Interchange**
Queue jumps, bus on shoulder

Preliminary representative concepts

Freeway BRT station option

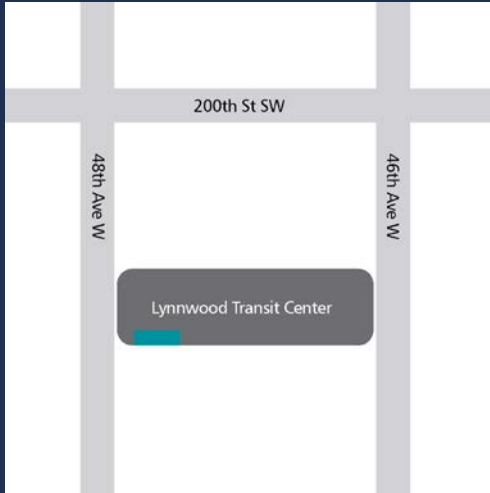


Tukwila International Boulevard Station

Stations connect to LINK light rail with pedestrian bridge

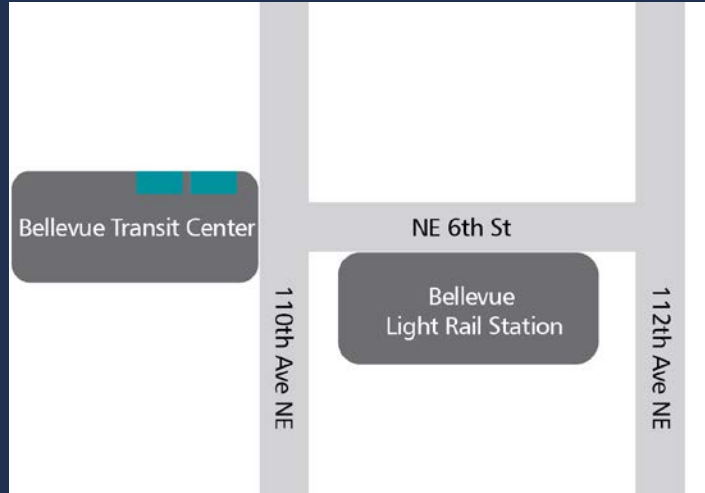
Preliminary representative concept

Transit center refinements



Lynnwood TC

Raised platforms for
faster boarding



Bellevue TC

Raised platforms for
faster boarding



Burien TC

Raised platforms for
faster boarding; new
BAT lane

Preliminary representative concept

I-405/NE 44th Street Interchange

FREEWAY BRT STATION + PARKING

- New freeway BRT station at the I-405/NE 44th Street interchange
- New 200-stall park-and-ride to serve the BRT station
- WSDOT, in partnership with Sound Transit, will build new direct access ramps from the I-405 express toll lanes to NE 44th Street to support BRT service as part of WSDOT's I-405 Renton to Bellevue Widening and Express Toll Lanes Project



NE 44th Street BRT Station included in the I-405 Master Plan (2002)

I-405/NE 44th Street Interchange

FREEWAY BRT STATION



Courtesy of WSDOT

I-405 Renton to Bellevue Widening and Express Toll Lanes Project (WSDOT)

- Two-lane express toll lane system between SR 167 in Renton and NE 6th Street in Bellevue
- I-405, Tukwila to I-90 Vicinity Express Toll Lanes Project Environmental Assessment (July 2018)
- Request for Qualifications (RFQ): August 2018
- Request for Proposal (RFP): November 2018
- Bid Opening/Apparent Best Value: August 2019
- Construction Start: Fall 2019
- Open to Traffic: May-July 2023 or 2024



Courtesy of WSDOT

I-405/NE 44th Street Interchange

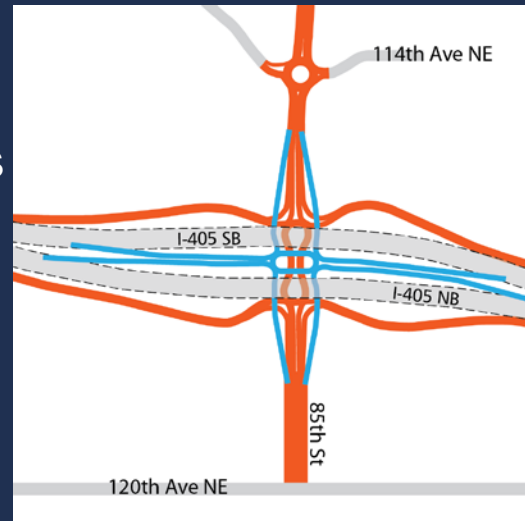


Courtesy of WSDOT

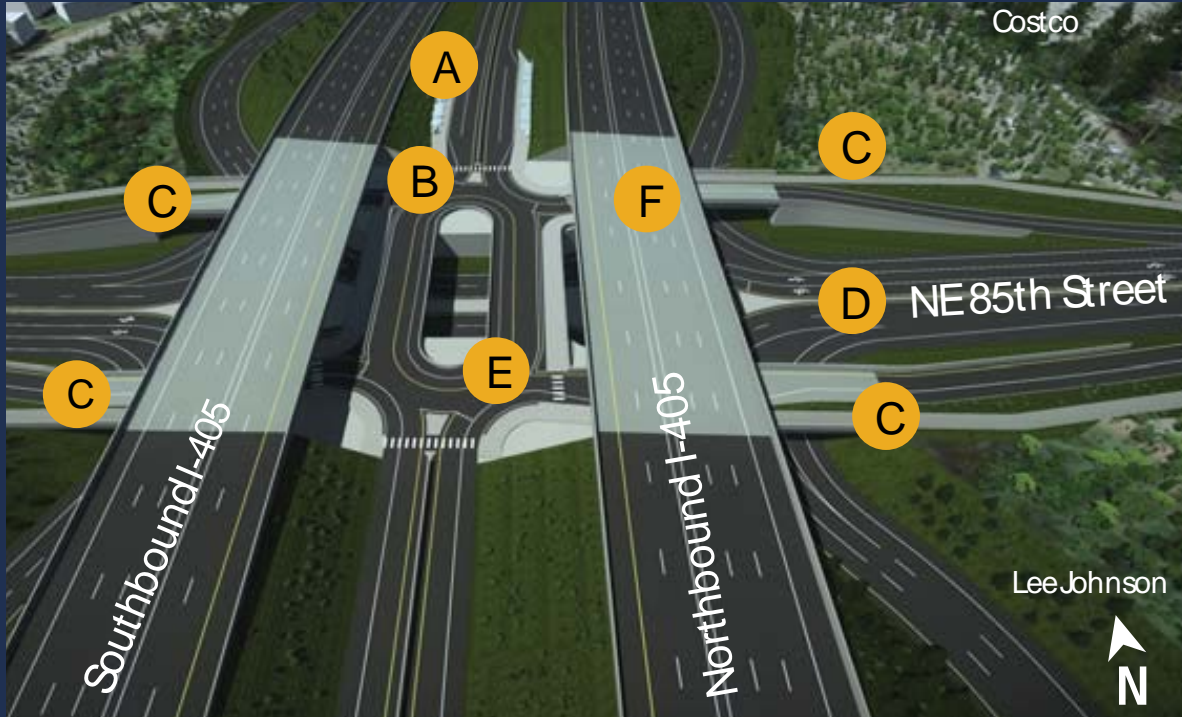
I-405/NE 85th Street Interchange

FREEWAY BRT STATION

- Sound Transit, in partnership with WSDOT, will build an inline freeway station with new direct access ramps from the I-405 express toll lanes
- Three-level interchange design with direct access ramps, transit and pedestrian access in the middle tier
- **Stakeholder Consensus**
 - Kirkland City Council – letter of support
 - Kirkland Transportation Commission
 - Agency Stakeholder Charrettes



I-405/NE 85th Street Interchange

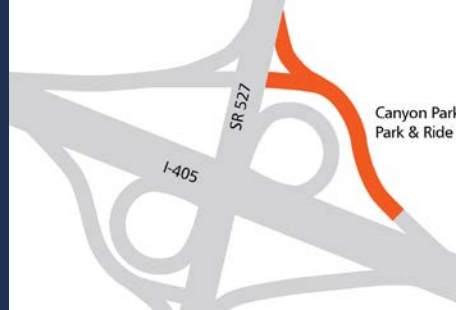


- A BRT stations
- B Local bus stops:
Connections to BRT are on the same level
- C Non-motorized pathways:
similar to the existing grade on NE 85th Street
- D Level 1 new (bottom):
through traffic on NE 85th Street
- E Level 2 (middle):
non-motorized, transit and access between I-405 express toll lanes and NE 85th St
- F Level 3 (top):
I-405 mainline

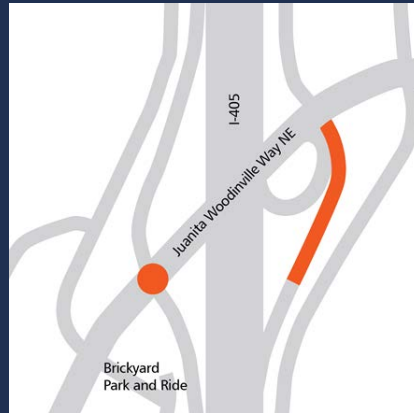
I-405 Master Plan Future Compatibility



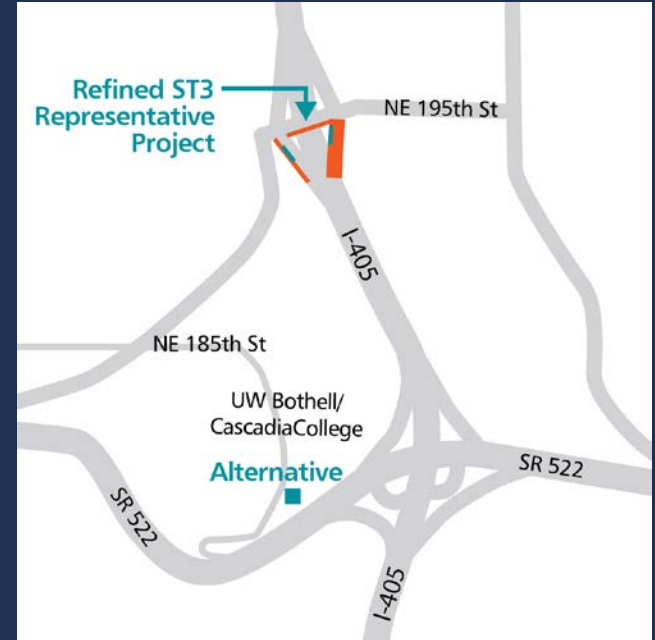
I-405 - SR 522 to SR 527
Capacity Improvements Project



Canyon Park



Brickyard



UW Bothell/
Cascadia College

BRT program common elements

Branding

- Creation of the BRT name and graphics
- Will be presented to the Sound Transit Board

Station design

- Concept design complete
Fall 2018



Community Transit's SWIFT Station

BRT program common elements

Vehicle propulsion and selection

- Evaluating state of industry for propulsion technology
- Service planning (length of corridors, ridership, span of service)
- Considering BRT corridor contexts (arterial and freeway)
- Coordination with King County Metro's BEB testing program
- Ridership supports 60-foot buses





ELG Roundtable

Upcoming activities

- *Finalize station locations*
- *Begin corridor-wide analysis*
- *Fall public involvement activities*

ELG roundtable

- ***Emerging issues***
- ***What are you hearing?***
- ***Challenges or opportunities***



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