

I-405/SR 167 Corridor **Executive Advisory Group**

Tukwila Community Center
April 3, 2019

Introductions and agenda

- Public comment
- WSDOT update
 - 2019 legislative update
 - I-405/SR 167 corridor update
- King County Parks update
 - Eastside Rail Corridor Regional Trail funding
- Regional transit update
 - Sound Transit I-405 Bus Rapid Transit
 - King County Metro service planning
- Wrap-up

Public Comment

Facilitated by:

Katie Kuciemba Halse

I-405/SR 167 Corridor Communications

Meeting Topics

December 2018 Meeting

- King County Parks update
- Sound Transit Bus Rapid Transit update
- I-405 Renton to Bellevue project update
- 2019 toll authorization legislation

April 2019 Meeting

- 2019 legislative update, including toll authorization
- I-405/SR 167 corridor update
- King County Parks update
- Regional transit update

2010: EAG endorsed 40-mile ETL

Ten year implementation strategy

Cities

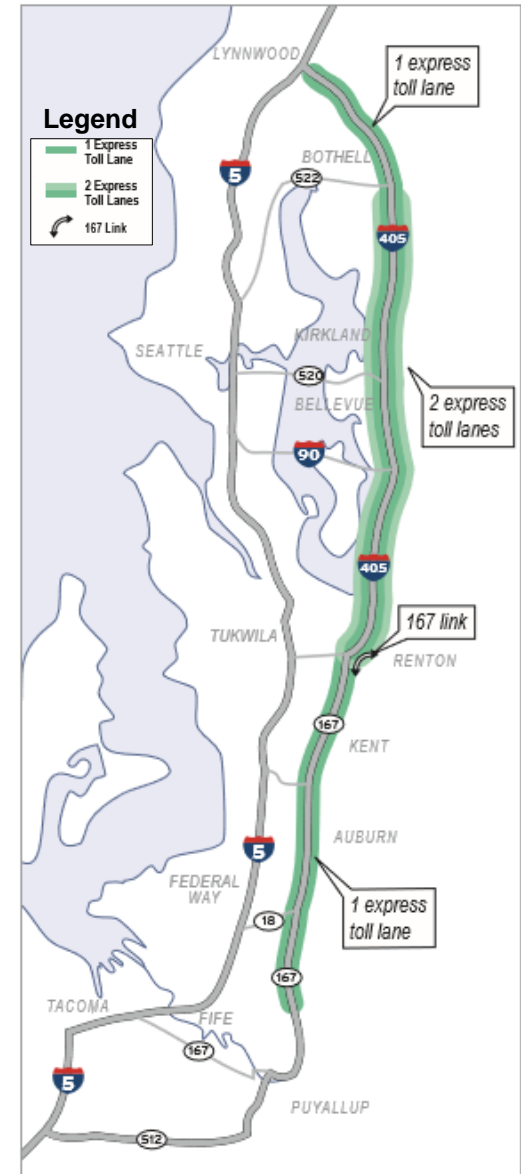
City of Kirkland
City of Bellevue
City of Newcastle
City of Tukwila
City of Renton
City of Kent
City of Auburn
City of Algona
City of Pacific
City of Puyallup

Counties

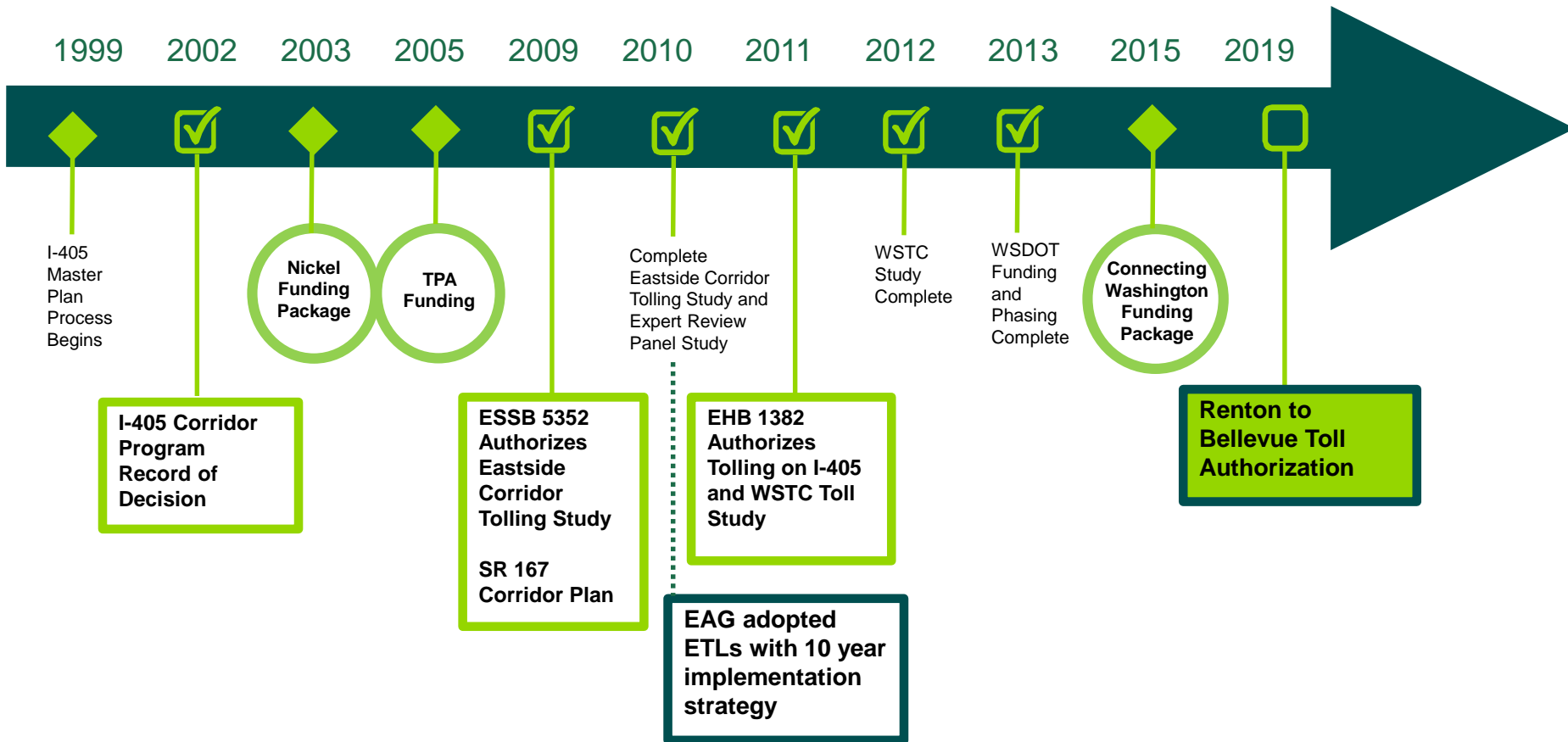
Snohomish County
King County
Pierce County

Agencies

Puget Sound Regional
Council
Washington State
Transportation Commission



Two decades of EAG informing policy and projects



WSDOT Update

Patty Rubstello, P.E.

Assistant Secretary
Urban Mobility and Access

Kim Henry, P.E.

Program Administrator
I-405/SR 167 Megaprogram

2019 Washington State Legislative Update

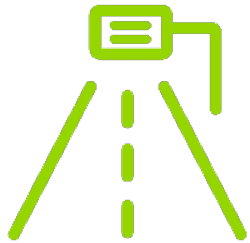
Relevant WSDOT legislation

Bill	Description	Status
HB 1160	2019-2021 transportation appropriations	March 29: Passed by House
SB 5214		March 28: Senate Rules Committee
SB 5970	Forward Washington: authorizing bonds for transportation funding	March 7: Senate Rules Committee
SB 5971	Forward Washington: concerning transportation funding	March 7: Senate Way & Means Committee
SB 5972	Forward Washington: concerning additive transportation funding and appropriations	March 7: Senate Rules Committee
SB 5695	Concerning high occupancy vehicle lane penalties	March 11: Passed by Senate April 3: Scheduled for executive session in House Transportation Committee

Toll authorization legislation

Bill	Description	Status
HB 1899/ SB 5825	<p>I-405/SR 167 HOT lanes</p> <ul style="list-style-type: none"> • Toll authorization for the full I-405 corridor • Permanent toll authorization for SR 167 and future extension to SR 512 in Puyallup • Defines I-405 and SR 167 as a corridor, creating one account for toll revenue <p>Puget Sound Gateway Program</p> <ul style="list-style-type: none"> • Toll authorization for SR 167 and SR 509 • Defines new sections of SR 167 and SR 509 as a corridor, creating one account for toll revenue 	Feb. 21: Senate Transportation Committee hearing for SB 5825
HB 2132	Addressing the completion of the planned construction of various facilities, by advancing construction, issuing bonds, and tolling portions of Interstate 405, state route number 167, and state route number 509.	April 3: Scheduled for executive session in House Transportation Committee

Benefits of toll authorization from Legislature in 2019



Renton to Bellevue project advances as planned and notice to proceed for design-builder in 2019



Renton to Bellevue project stays on schedule to open in 2024



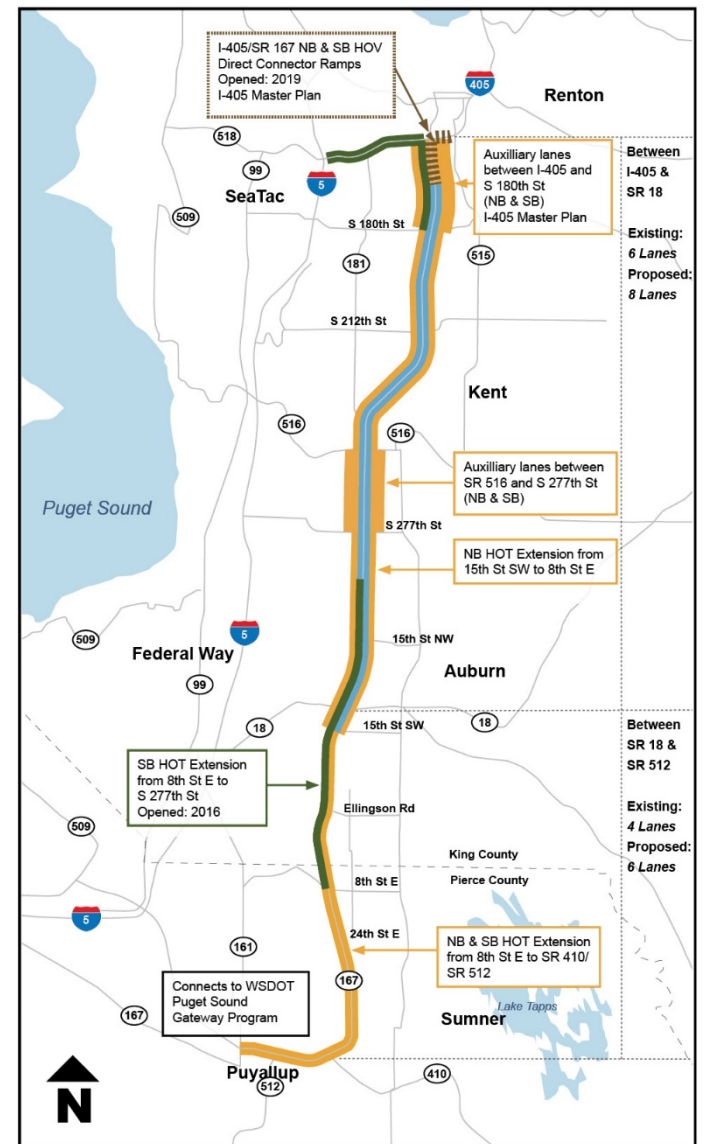
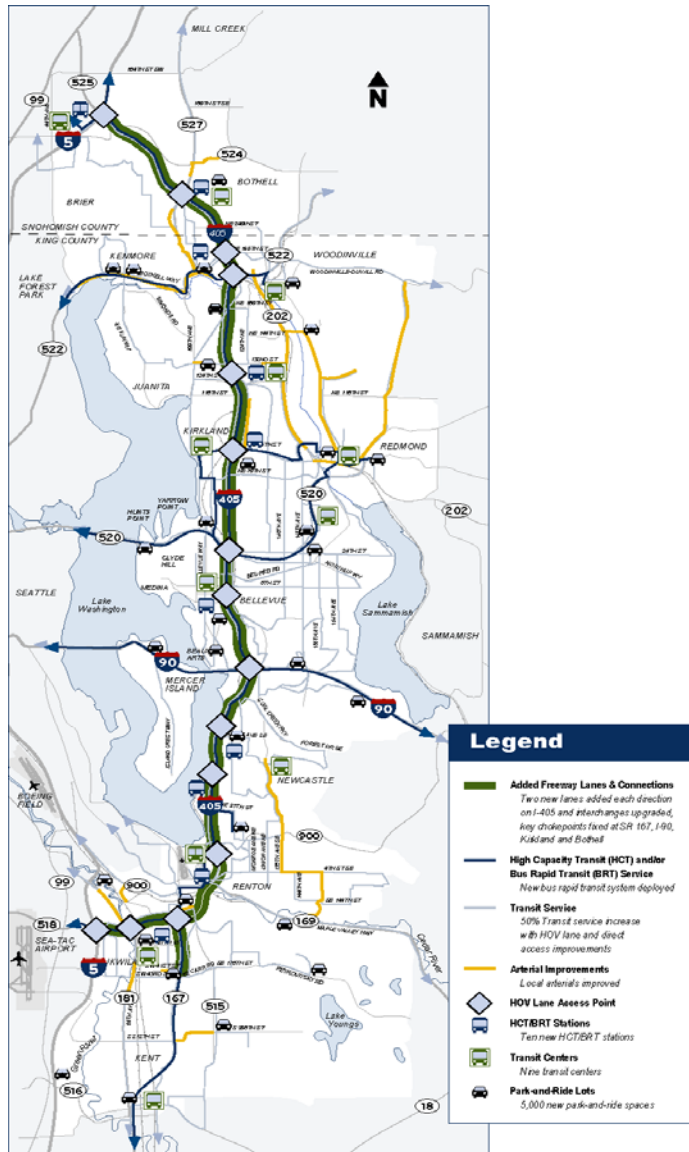
Partnership commitments honored, including Sound Transit BRT and King County ERC Trail



Toll revenue from Renton to Bellevue ETLs start to accrue in 2024

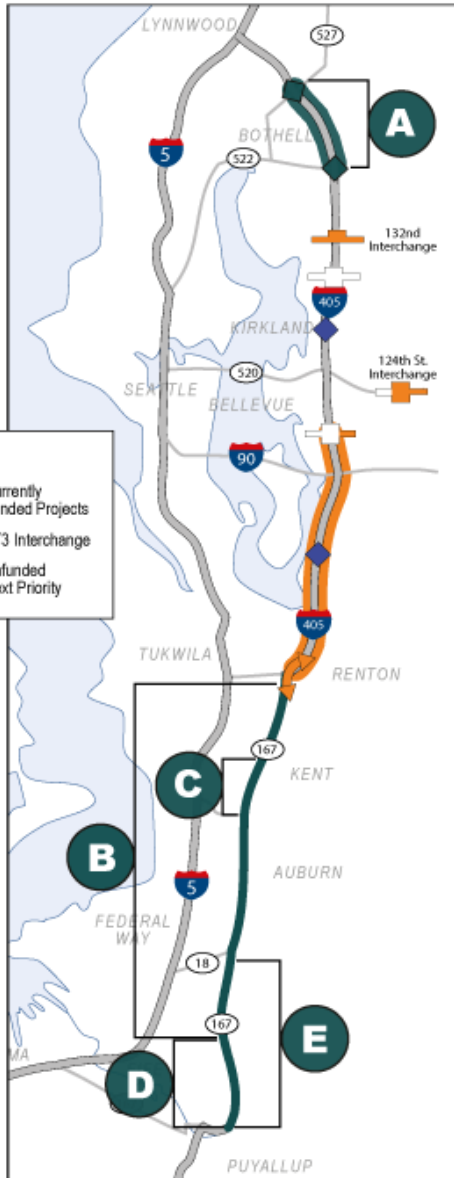
I-405/SR 167 Corridor Update

I-405 Master Plan/SR 167 Corridor Plan



I-405/SR 167 Funded and Unfunded Projects

March 2019



Current Funded Projects - Connecting Washington and Local Agencies

I-405 Renton to Bellevue Widening and Express Toll Lanes Project	\$1.225B* (CWA includes \$215M from tolls) \$17M (King County)	<ul style="list-style-type: none"> Builds a flyover ramp connecting the I-405 HOV lanes to the SR 167 HOT lanes Adds one new lane in each direction to complete a 40-mile express toll lane system from Lynnwood to the Pierce County line Makes interchange improvements Builds portions of the King County Eastside Rail Corridor Regional Trail Builds infrastructure for I-405 Bus Rapid Transit, including direct access ramp/inline station at NE 44th St Builds I-90 vicinity capacity improvements and partners with City of Bellevue to build Northeast Sixth Street extension
SR 520/124th Interchange	\$40.9M (CWA, PE + ROW only)	<ul style="list-style-type: none"> Gets project construction ready to rebuild the SR 520/124th interchange to Master Plan configuration
NE 132nd Street Interchange	\$75M (CWA, PE/ROW/CN)	<ul style="list-style-type: none"> Builds new half diamond interchange at NE 132nd Street in Kirkland

* Request to move program savings into I-405 Renton to Bellevue Widening and Express Toll Lanes Project in 2019 Governor's proposal

Sound Transit ST3 Funded Projects

NE 85th Street Interchange	\$250-300M	<ul style="list-style-type: none"> Builds inline station at NE 85th Street in Kirkland for I-405 Bus Rapid Transit
NE 44th Street Interchange	\$100-125M (Subject to Board approval)	<ul style="list-style-type: none"> Builds direct access ramp and inline station at NE 44th Street for I-405 Bus Rapid Transit

Sound Transit is investing \$860 million in the I-405 corridor to open a new Bus Rapid Transit line between Lynnwood and Tukwila by 2024.

Near Term Priority Projects not fully funded (ordered from north to south)

A	I-405/SR 522 to SR 527 Improvements	\$20M funded \$20M unfunded** \$575-600M unfunded***	<ul style="list-style-type: none"> Preliminary Engineering Right of Way acquisition Rebuilds the SR 522 interchange, builds partial direct access at SR 527 and extends dual ETLs to SR 527 As the project advanced through design, cost-effective solutions were found that provide both ETL and GP congestion relief caused by downstream bottlenecks at NB I-5 and SB in Kirkland and at SR 520. Fish barriers will be addressed consistent with the injunction.
B	SR 167 Toll Equipment Upgrade	\$35M funded****	<ul style="list-style-type: none"> Adds photo tolling for consistency with I-405 express toll lanes; needed in time for Renton to Bellevue opening
C	Southbound SR 167 Auxiliary Lane	\$20M funded****	<ul style="list-style-type: none"> Builds auxiliary lane between SR 516 and South 277th Street to mitigate changing traffic pattern from Renton to Bellevue project capacity improvements
D	Southbound SR 167 Stage 6 Extension	\$80M unfunded	<ul style="list-style-type: none"> Extends the SR 167 HOT lane between Jovita Blvd and the SR 410/512 interchange to mitigate changing traffic patterns from Renton to Bellevue project capacity improvements
E	Northbound SR 167 Stage 6 Extension	\$20M funded \$20M unfunded**	<ul style="list-style-type: none"> Builds HOV lane from SR 18 to SR 410/512 Adds tolling equipment to complete the HOT lane system

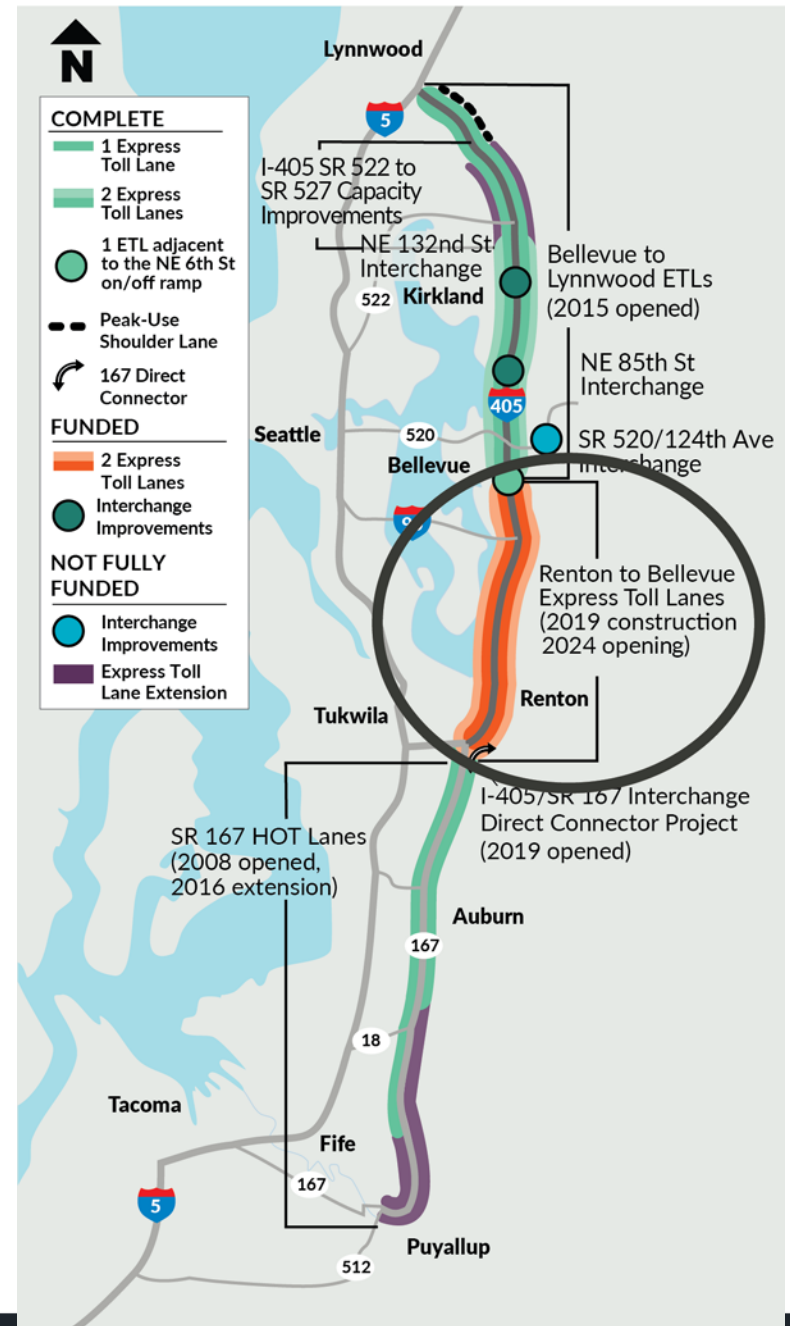
** Included in Governor's FY 19-21 budget

*** Preliminary estimates

**** Funded in current law as part of the Connecting Washington Renton to Bellevue project, which includes the \$35M Nickel/TPA corridor savings

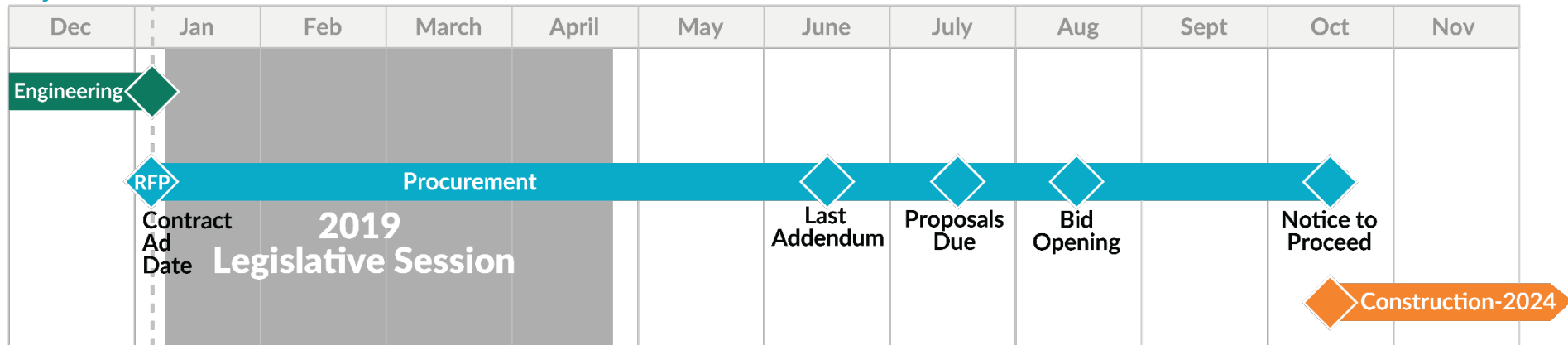
Project Updates

- ❑ **I-405, SR 522 to SR 527 Capacity Improvements**
 - PE ongoing
 - \$20M for right of way included in Gov, Senate & House FY 19-21 budget
 - Approx. \$575M-\$600M needed for construction
- ❑ **NE 132nd Street Interchange**
 - PE and environmental
- ❑ **NE 85th Street Interchange**
 - PE and environmental
- ❑ **SR 520/NE 124th Ave Interchange**
 - PE beginning July 2019
- ✓ **I-405/SR 167 Direct Connector**
 - Open to traffic Feb. 2019
 - Final paving work Spring 2019
- ❑ **I-405, Renton to Bellevue Widening and Express Toll Lanes**
 - Construction to begin in late 2019
 - Open to traffic in 2024

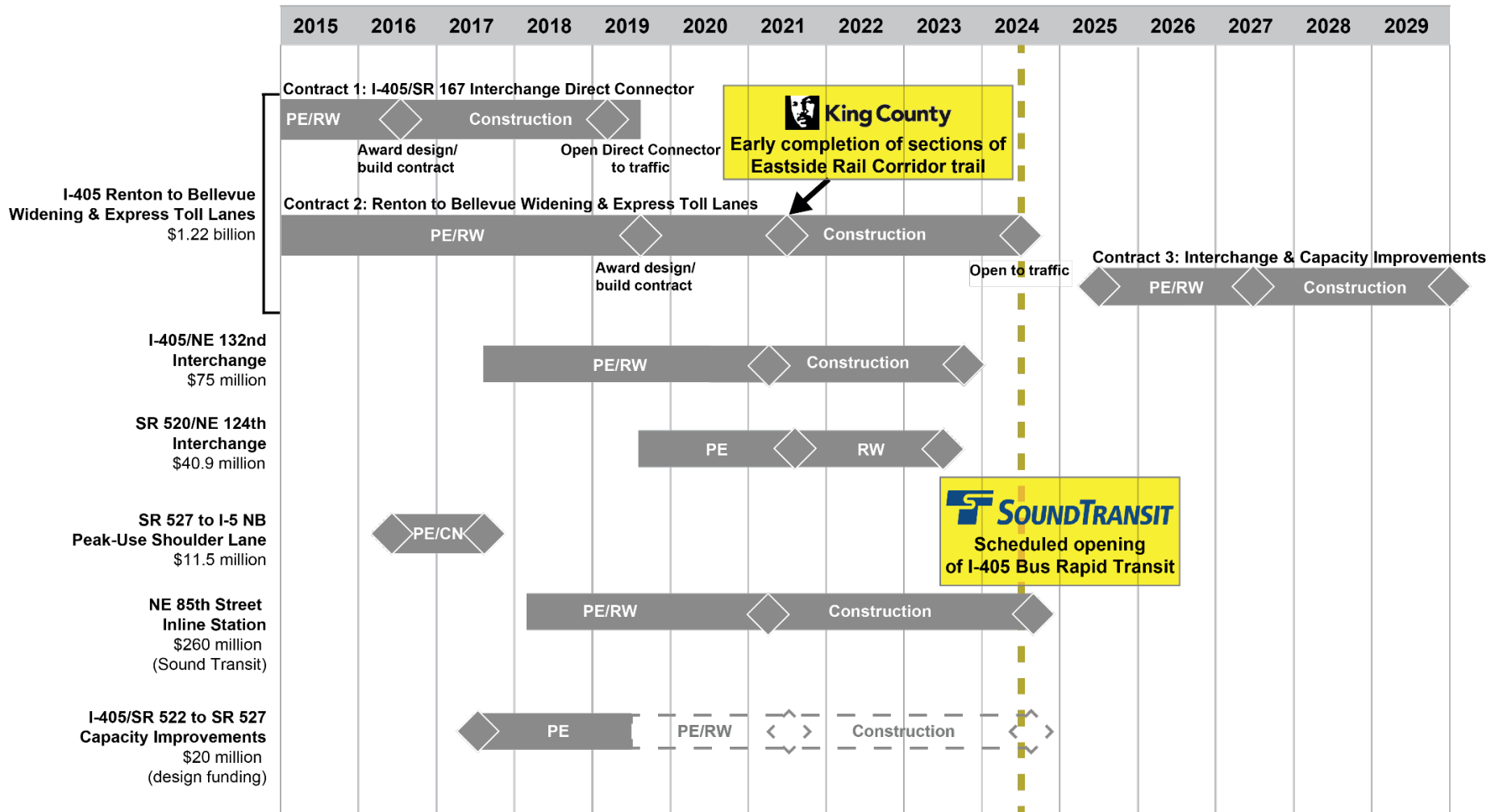


Toll authorization needed in 2019

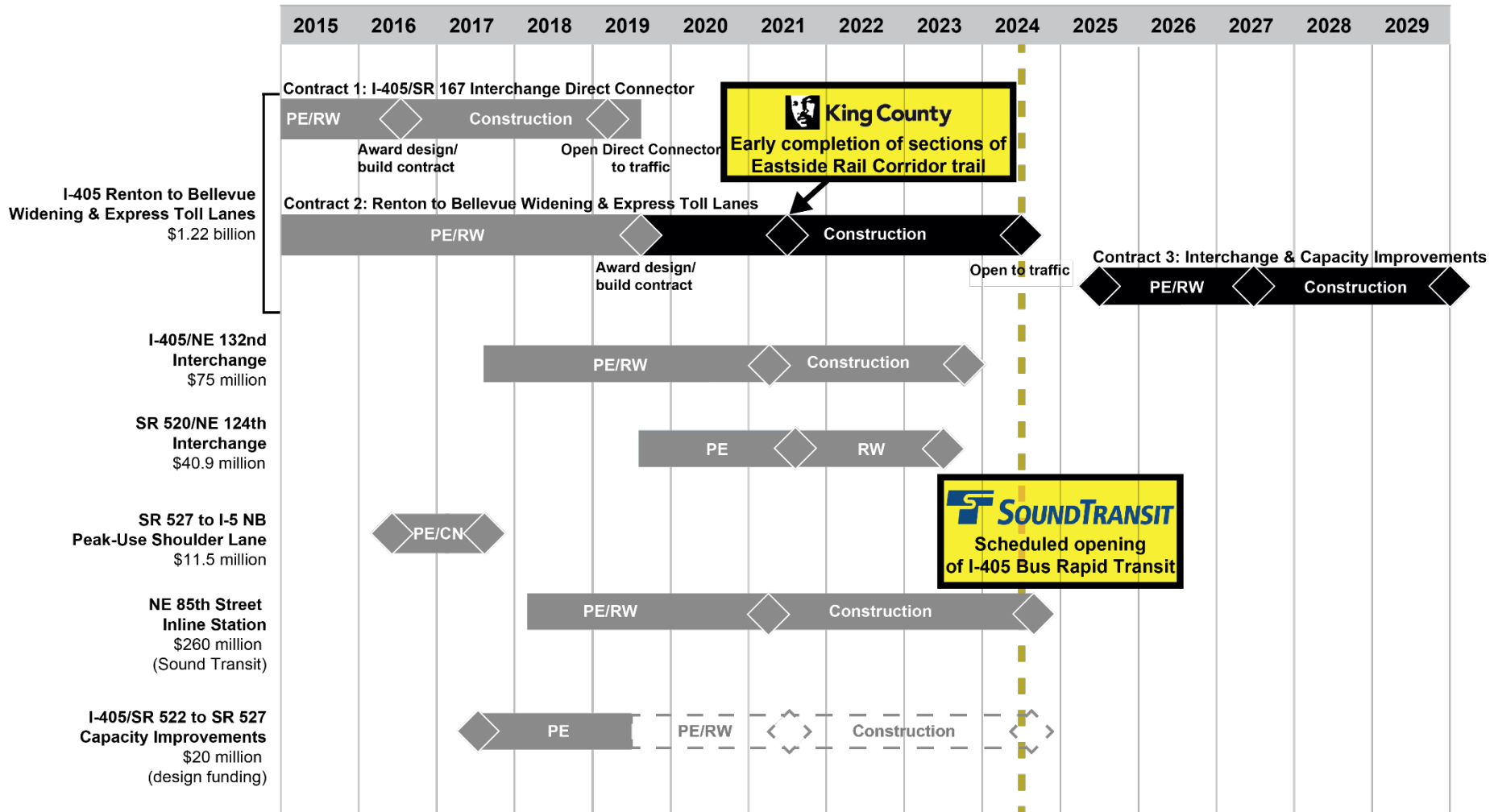
Project Schedule



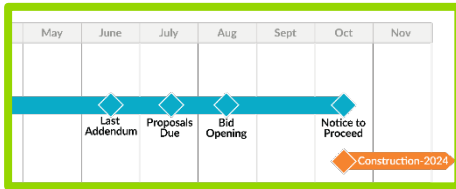
I-405 Delivery Schedule and Next Steps



I-405 Delivery Schedule Effects



Consequences of toll authorization delay



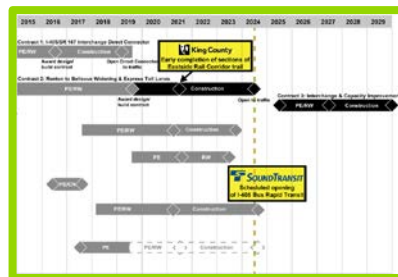
Renton to Bellevue construction delays and budget increases



Future projects lack funding without Renton to Bellevue toll revenue reinvestment



Completing the 40-mile ETL corridor would be delayed



Unable to honor schedule commitments with partners, including King County and Sound Transit

Next Step

Toll authorization in 2019 keeps the Renton to Bellevue project and partner projects on schedule



Discussion

Facilitated by:
Roger Millar, P.E., AICP
Secretary of Transportation

King County Parks Update


Eastside Rail Corridor Trail

Curt Warber
Project Manager
King County Parks

Doug Hodson
Finance Manager
King County
Department of Natural Resources and Parks

Eastside Rail Corridor / I-405

April 2019 Update

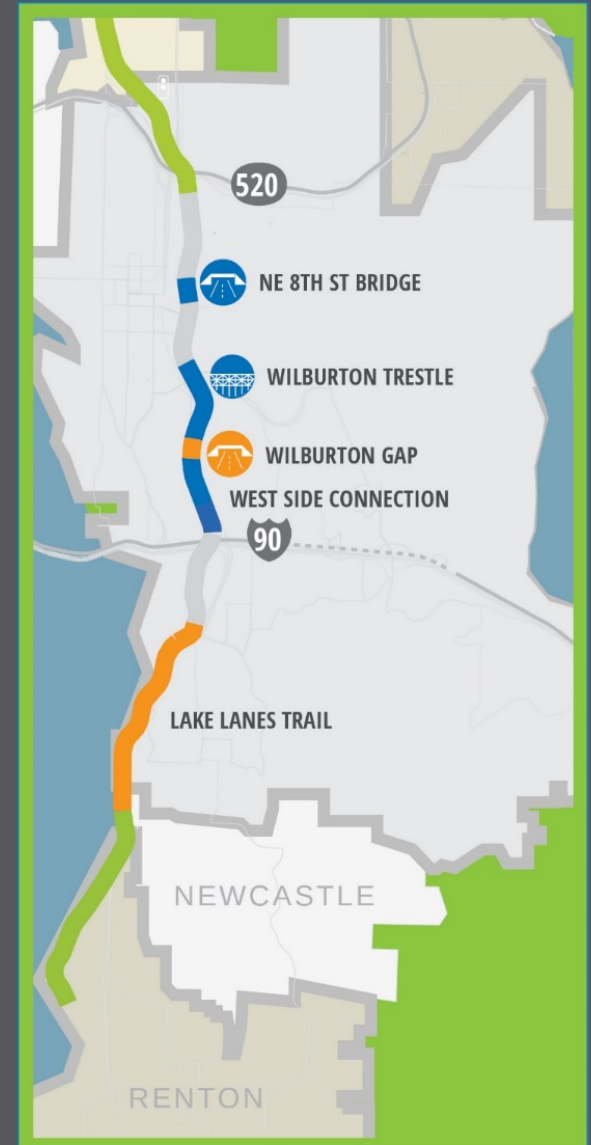
 King County

PARKS

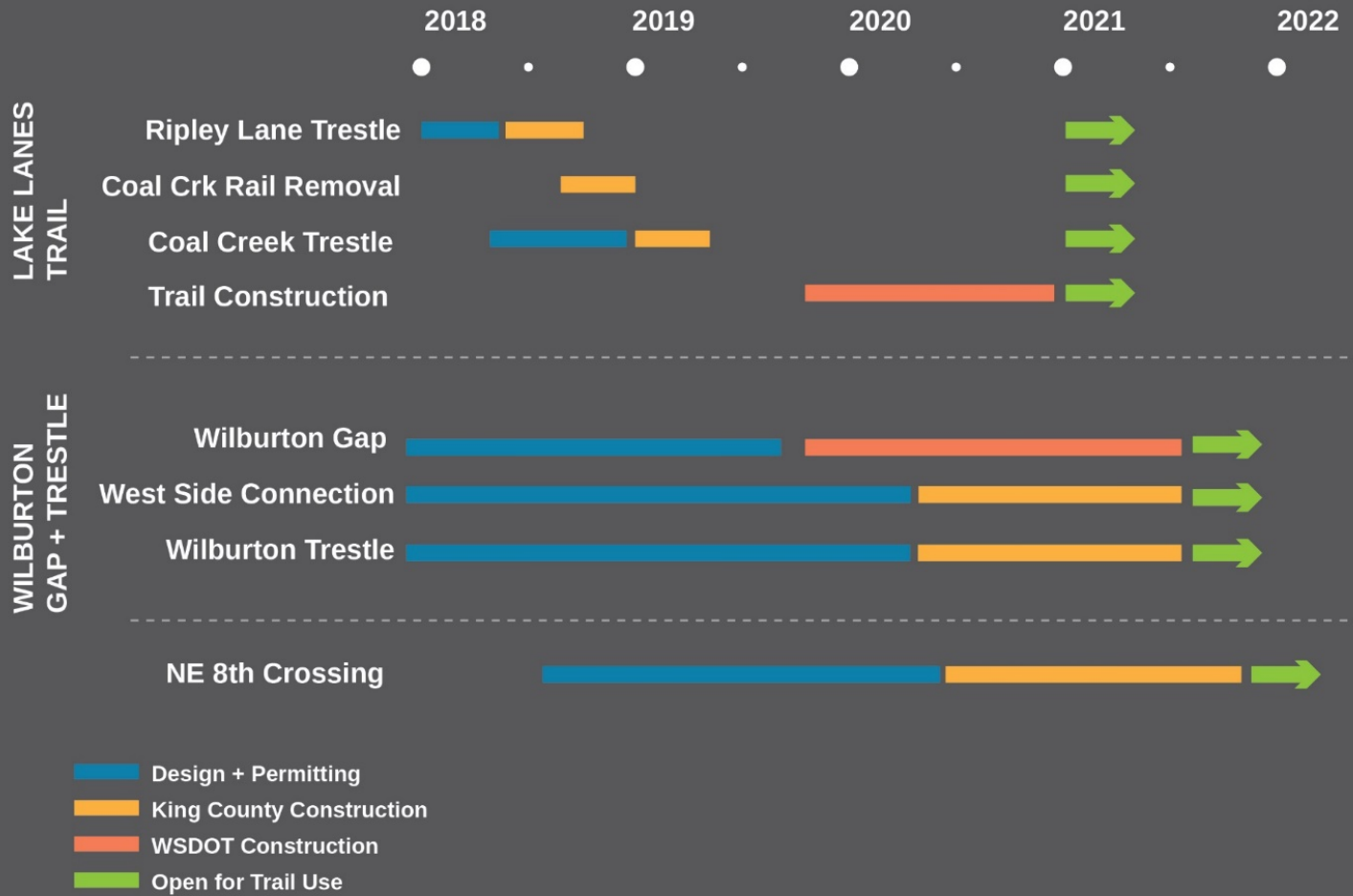
Your Big Backyard

EASTSIDE RAIL CORRIDOR UPDATE

- NE 8th St Bridge, Wilburton Trestle, and West Side Connection progressing from 30 to 60% design
- Constructibility planning for Wilburton Trestle led to schedule revision to mid-2021.
- Revised opening has been reflected in I 405 DB RFP
- Permitting is a continuing schedule risk, but currently within planned window.
- All I 405 related ERC projects included in Exec's proposed levy package and project list passed out of Council committee



EASTSIDE RAIL CORRIDOR SCHEDULE





Executive Proposal: 2020-2025 King County Parks Levy

Presentation Overview

- Proposal Objectives
- Parks Levy Investments
- Benefits to Residents & Businesses
- RPC Striking Amendment
- Timeline

THE PROPOSAL WOULD:

Expand and improve access to the county's 200 parks, 175 miles of regional trails & 28,000 acres of open space.



Keep pace with our growing region and keep our parks and trails clean, safe and open.

What is the Executive Proposal?

It generates an estimated \$738 million over the next six years to expand and connect regional trails, improve access to green space and recreation, and keep the county's parks and trails clean, safe, and open.

It costs 16.82 cents per \$1,000 of assessed property value

OR

about \$7 per month - only \$2 more than what residents currently pay for a home valued at \$500,000. This makes up about 1-1.5% of a residents property tax bill depending on city.

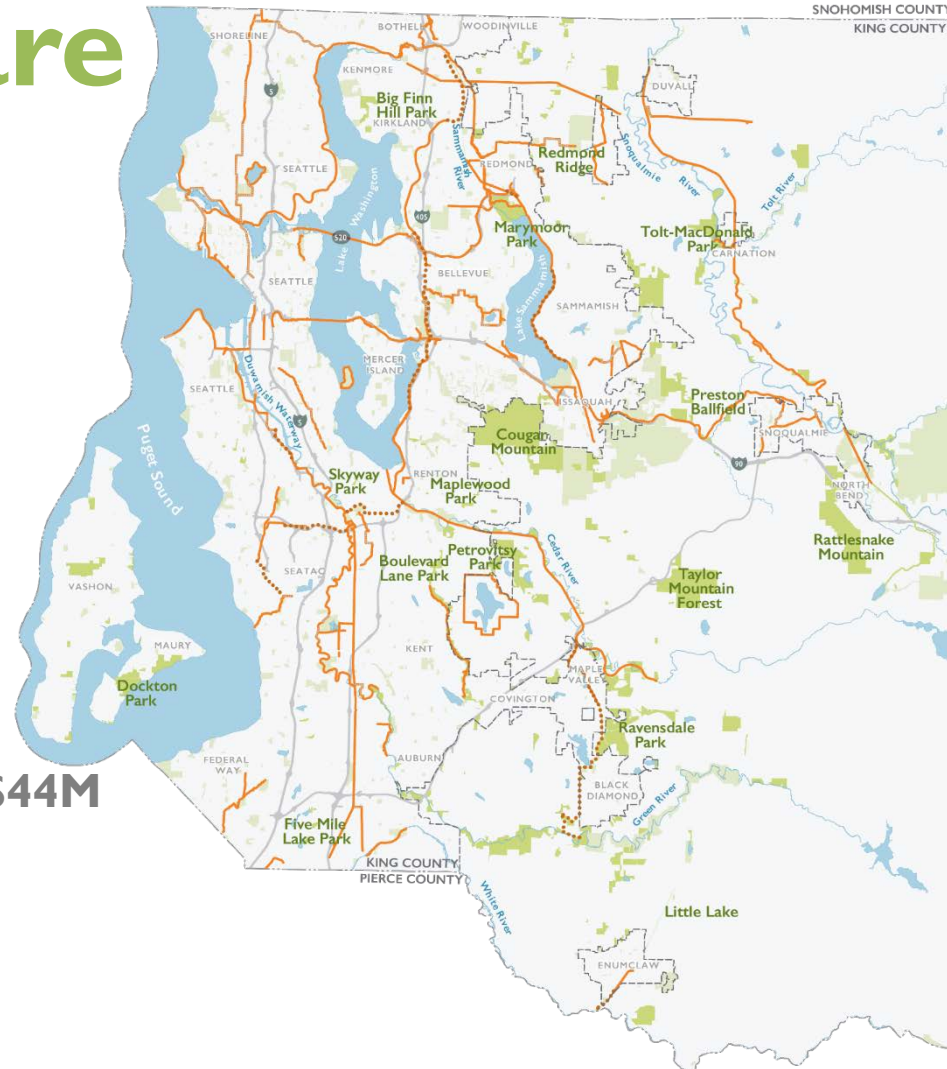
Goal I: Taking care of what we have

Operations and Maintenance: \$277M

- 200 Parks
- 175 Miles of regional trails
- 28,000 Acres of open space
- 215 Miles of backcountry trails
- 155,000 Acres of conservation easements

Active Recreation Repair & Renovation: \$44M

- 5 Heavily used sites
- 11 Ballfield turf replacements
- 6 Play area rehabilitations
- 3 Trailhead access improvements
- 5 + backcountry trail rehabilitations
- 3 sport court and grass ballfield replacements



Goal 2: Grow and connect regional open space

Open Space Acquisition/Land Conservation: \$131M

- **\$78M to support King County**
 - for passive recreational uses, regional trails and open space lands
- **\$35M to support King County cities**
 - for active and passive recreational uses, local trails and open space lands
- **\$18M for operations and maintenance**
 - for passive recreation lands acquired by cities or county



Expanding & Connecting Regional Trails: \$154M

- East Lake Sammamish Trail
- East Lake Sammamish Trail – Redmond Light Rail
- Eastside Rail Corridor
- Foothills Trail
- Green to Cedar Trail
- Green River Trail Extension North
- Interurban South
- Lake to Sound Trail
- Wayne Connector @ Burke-Gilman Trail

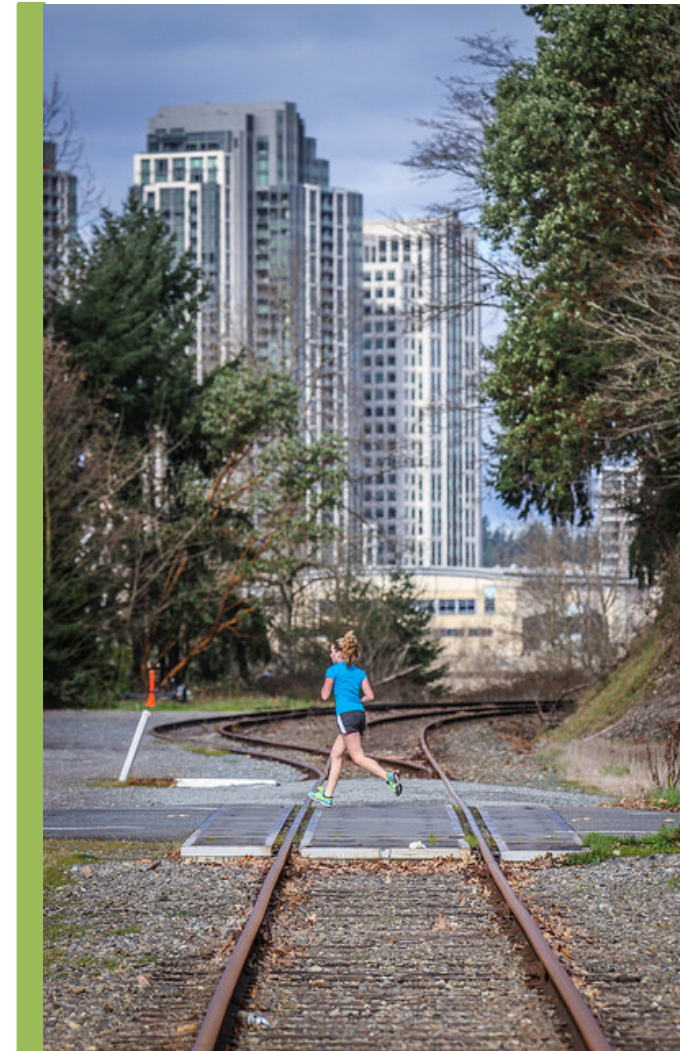
Goal 3: Improve regional trails & mobility



Eastside Rail Corridor

- Invests ~\$51M in ERC
- 11.8 miles of the 16 mile King County ERC trail opened
- Connects Renton, Bellevue, Kirkland, Redmond and Woodinville
- Enables trail users to access other regional trails

Location	Description
I 18th connector & 32nd St Trestle	Connects the I-90 trail to the ERC in Bellevue (at I 18th street via 32nd street)
Wilburton trestle & North Trestle Gateway	Connects the trails from WSDOT ROW across trestle to SE 5th in Bellevue
NE 8th Street Bridge Crossing	Constructs the bridge crossing over NE 8th St and to the Sound Transit link station in Bellevue
520 Trail Connector	Connects the SR 520 Trail at Northup Way in Bellevue
Woodinville Interim Trail	Builds interim trail from the north end of the Cross Kirkland Corridor to the Redmond Central Connector and continues north to I 45th Street in Woodinville
I 45th Street Crossing	Creates a safe crossing at I 45th St and SR202 in Woodinville





Goal 4: Make parks and recreation more accessible

KC Cities Pass Through Funding: \$60M

- For any local parks and recreation purpose
- Listened to our cities and increased funding by ~70 %

Community Partnership & Grants Program: \$9M

- Continues work w/partners on new & enhanced public rec facilities
- Expanded to cities

Targeted Equity Grant Program: \$6M

- New grant program
- Focused on improve access to parks & recreation in underserved areas

Woodland Park Zoo: \$36M

- Continue environmental education and conservation programs

Seattle Aquarium: \$8M

- Capital construction of the Ocean Pavilion

Benefits to Residents and Businesses

- ✓ **Access to more open space and backcountry trails**
- ✓ **Access to regional facilities like Marymoor Park and King County Aquatic Center**
- ✓ **More grants and direct pass through investments**
- ✓ **Flexibility with city acquisitions: open space and active recreation**
- ✓ **Investments in mobility: connecting trails to cities and transit**



Additional Programs for Cities: RPC Striking Amendment

- **Change to City Open Space Acquisition: \$25M**
 - Funds both land acquisition and capital projects
- **Increase Equity Grants: \$10M**
- **New Open Space–River Corridors Grants: \$22M**
 - funds habitat restoration, open space and recreation in river corridors
- **New Public Pools Grants: \$44M**
 - funds capital projects for public pools
- **Additional trail projects:~\$11.5M**
 - Interurban to Burke-Gilman connection
 - Missing link on Green River Trail
 - Soos Creek Trail
 - Green Loop Trail (Kirkland)
 - Interurban South Connector (Milton)

Generates \$810M | 18.32c/\$1,000 AV OR
~ \$7.70/month (for home valued at \$500K)



Process & Timeline

- ✓ February 2019 - Executive proposal transmitted to King County Council (KCC)
 - Dual committee referral: Regional Policy Committee and Budget & Fiscal Management Committee
- March thru April 2019 – In committees
- End of April – KCC action needed to adopt ballot measure for Parks Levy
- August 6, 2019 – Election date



King County

PARKS

Your Big Backyard

Thank you!

Discussion

Facilitated by:
Roger Millar, P.E., AICP
Secretary of Transportation

Regional transit update

Sound Transit I-405 Bus Rapid Transit
Paul Cornish
Bus Rapid Transit Director

King County Metro Transit Service Planning
Katie Chalmers
Service Planning Supervisor

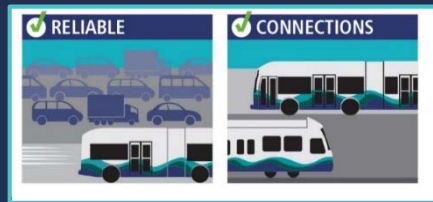
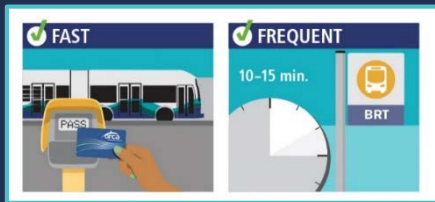


I-405 Bus Rapid Transit Phase 1 Project Refinements

I-405/SR 167 Executive Advisory Group | 04.03.2019

I-405 BRT Project

- 37-mile Corridor: Burien to Lynnwood
- Two BRT segments with transfer in Bellevue
 - North – Lynnwood to Bellevue
 - South – Burien to Bellevue
- 11 BRT Stations, 3 New/Expanded Park & Rides* and a new Transit Center
- I-405 BRT connects to the SR 522/NE 145th BRT in Bothell near UW Bothell/Cascadia College
- 10-minute peak, 15-minute off-peak headways

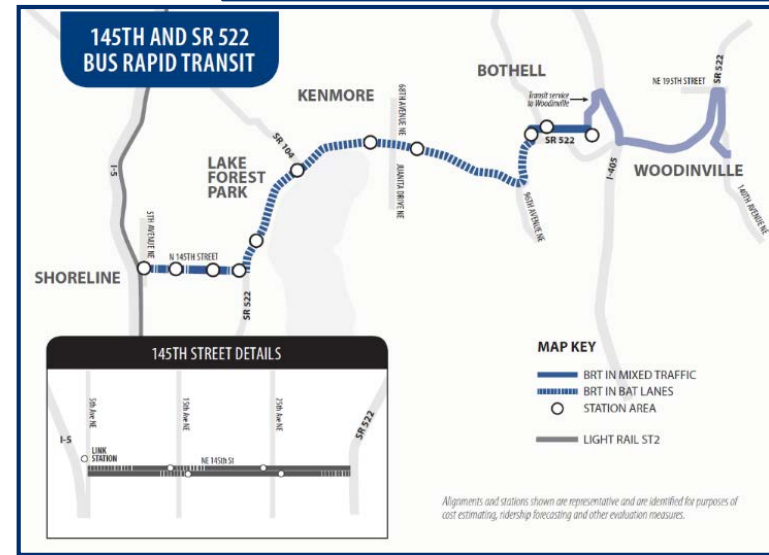
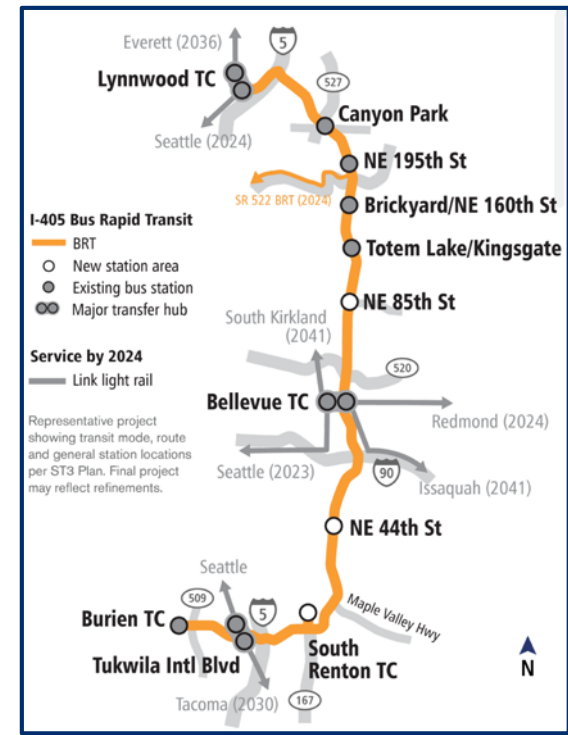


A New Line of Business

- Opens in 2024
- Two Corridors (I-405 and SR 522/ NE 145th)

BRT Systems Elements of Success

- 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



External Engagement and Project Partnerships

- 4* Elected Leadership Group (ELG) Meetings
- 8 Interagency Group Meetings
- 4 Open Houses
- 13 Community Briefings

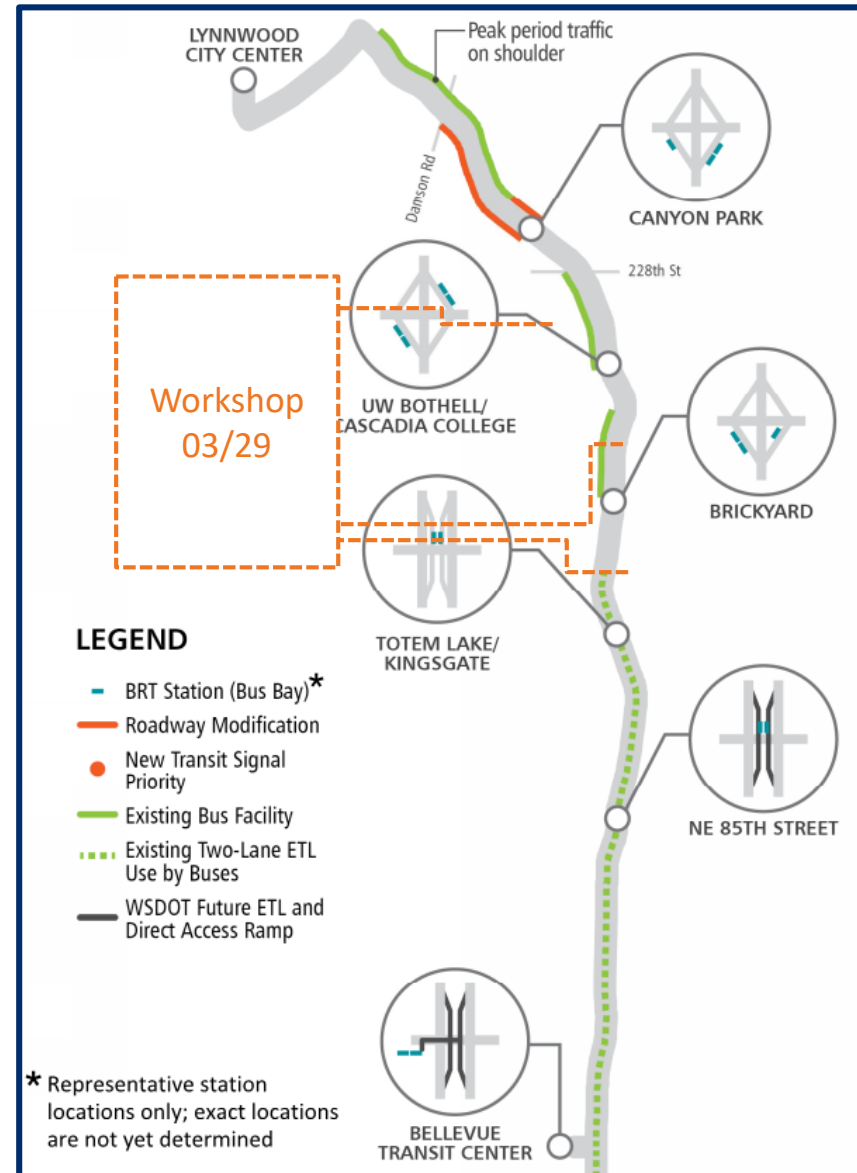
*1 Joint meeting with the SR 522/145th BRT ELG

Thank you project partners!



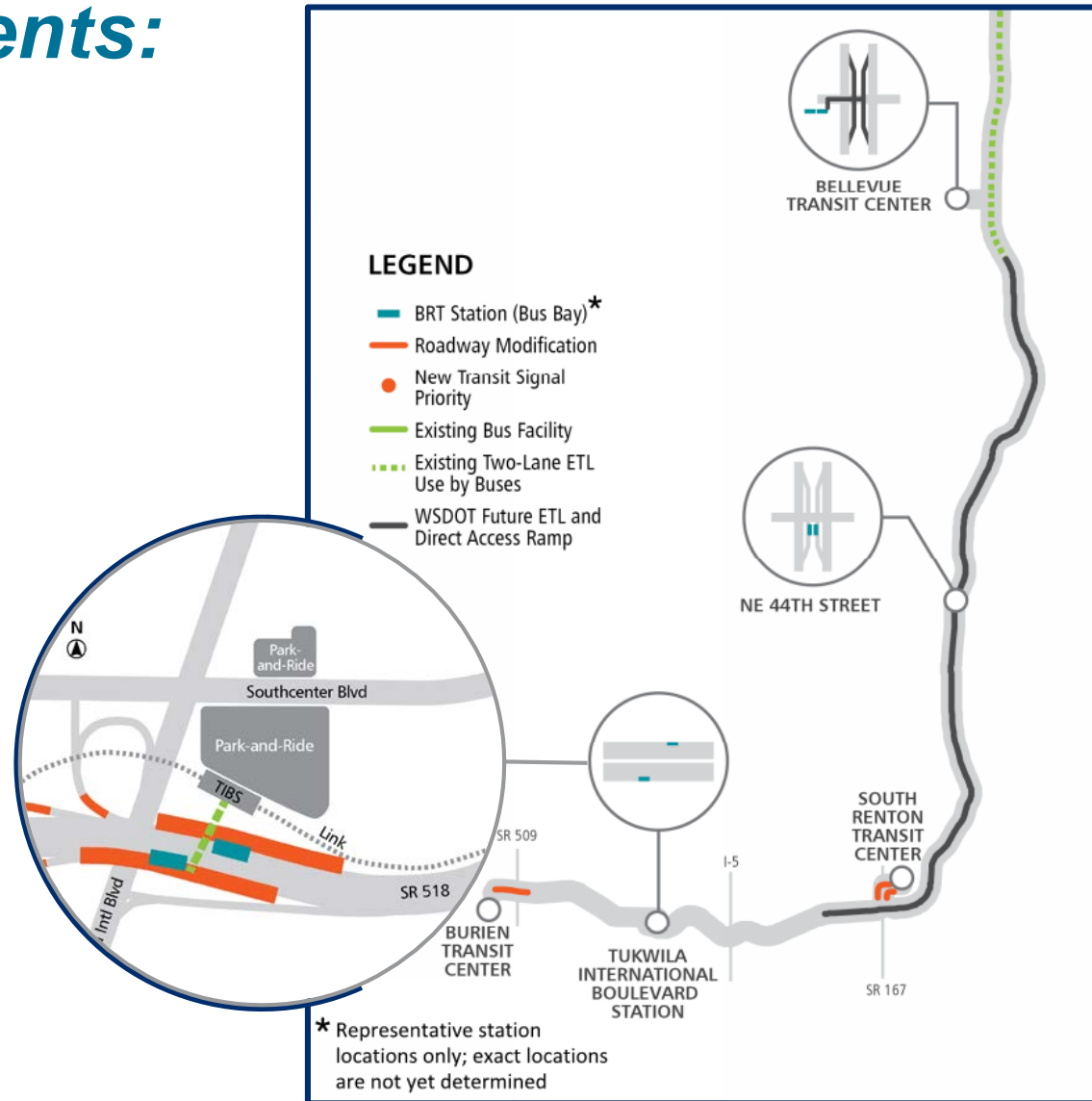
Project Refinements: North Line

- Shoulder improvements for transit to extend North of Canyon Park
- UW Bothell/Cascadia: On going discussions on the connection between SR 522/NE145th and I-405 BRT
- NE 85th: Reduced scope for bus-only lanes. Explore transit speed, reliability and access improvements



Project Refinements: South Line

- **Tukwila International Boulevard BRT Station:**
 - Non-motorized access and improvements to Link Lightrail station
 - Reduced highway and arterial widening
 - Improved travel time and ridership



Refined Project Performance

Increased ridership estimates by:

- North corridor boardings: +12%
- South corridor boardings: +22%
- Total boardings: +17%

Improved travel time estimates by:

- North corridor: 5 minutes
- South corridor: 7-9 minutes

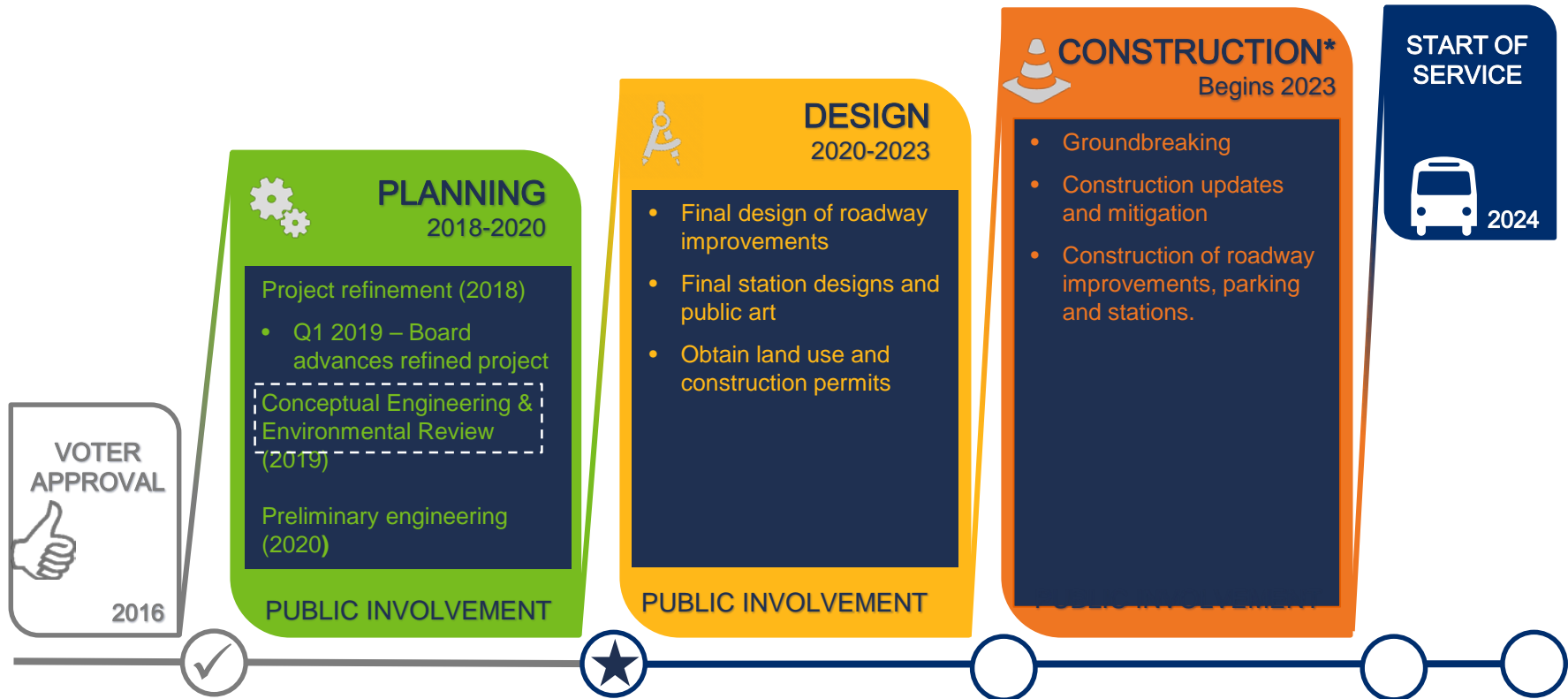
Bus Rapid Transit – New Line of Service

Sound Transit welcomes **STRIDE**



Station Design Concept

Project schedule



*Construction for most of the BRT projects are expected to begin by 2023 and be completed by 2024. Construction of some elements may begin before 2023 and others may occur after service starts in 2024.



soundtransit.org/system



King County Project Updates

I-405/SR 167 Corridor Executive Advisory Group

April 3, 2019

Katie Chalmers
Supervisor, Service Planning



We'll Get You There

North Eastside Mobility Project

- Redesigning and adding service in Bothell, Kenmore, Kirkland, Redmond, Woodinville
- Reorienting route 255 (Kirkland-Seattle) to serve UW Link Station; reinvest resources into the Eastside
- New Community Ride and expanded Community Van services

- March 2020 implementation

Which bus routes are affected?



Routes deleted
234, 235, 236,
238, 243, 244,
248, 277

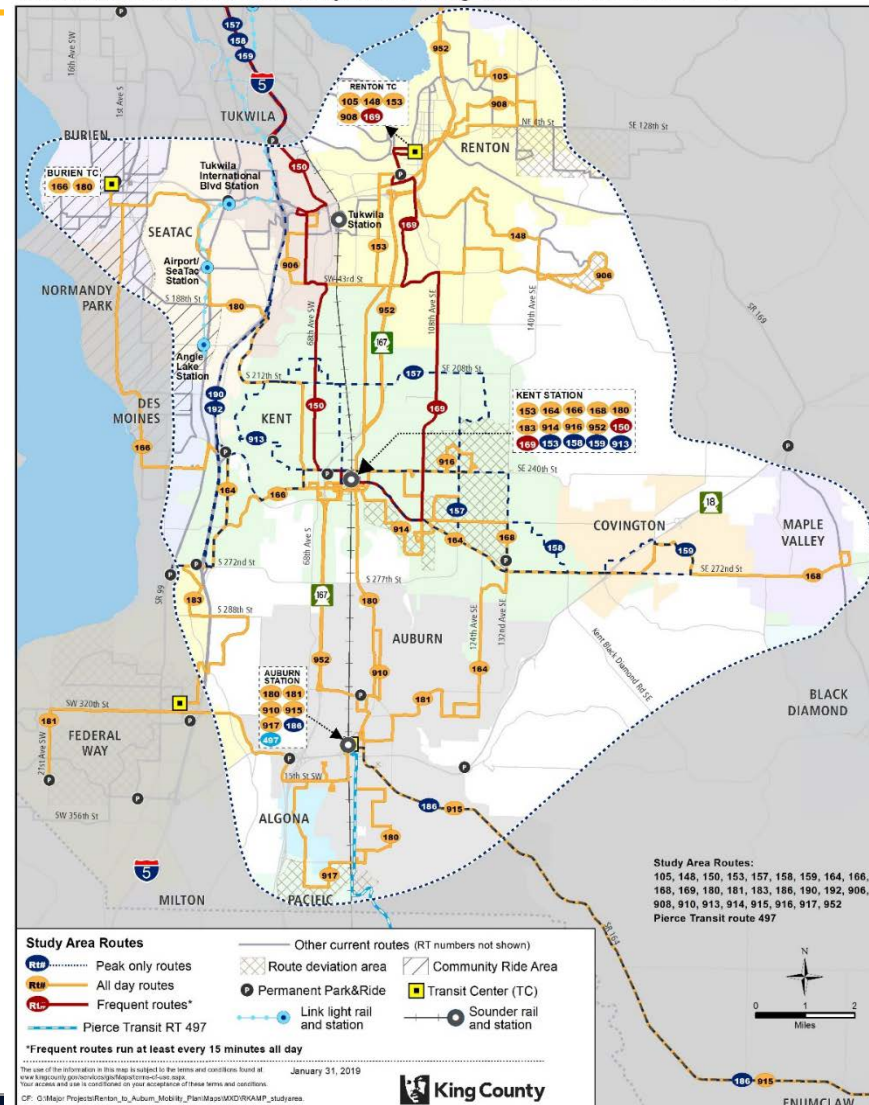
New routes
225, 231,
239, 250

Changed routes
255, 930

Renton-Kent-Auburn Area Mobility Plan

- Holistic Approach
- 26 routes
- Community Connections project areas
 - Benson Hill (Renton)
 - Algona & Pacific
 - New areas and solutions identified during outreach
- September 2020 implementation

Renton-Kent-Auburn Area Mobility Plan Existing Conditions: Current Service



RapidRide I Line: Renton, Kent & Auburn

- Will connect to 405 BRT in South Renton
- Current routes 169 & 180
- 6,000 Existing Daily Riders
- ~\$120M expected capital investment



Connecting with Stride BRT

- Metro has a formal integration agreement with Sound Transit for all ST3 projects.
- Metro attends all I-405 BRT Interagency Group meetings.
- Metro participating in workshops for South Renton Transit Center
- 2024 implementation



RAPIDRIDE

RapidRide Totem Lake to Eastgate

- Will connect with I-405 BRT in Totem Lake and Downtown Bellevue
- Current routes 234, 235, 255, 271
- 6,700 Existing Daily Riders
- ~\$90M expected capital investment



Planning
2019

Preliminary
Design
2019-2020

Final Design &
Construction
2021-2024

Start Service
March 2025

FTA Small Start Application
Sept 2020

Questions?

Katie Chalmers

Supervisor, Service Planning

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www.kingcounty.gov/metro/

Discussion

Facilitated by:
Roger Millar
Transportation Secretary

Wrap Up

Roger Millar, P.E., AICP
Secretary of Transportation