



King County

**PARKS**

**Your Big Backyard**

# Eastside Rail Corridor Regional Trail and WSDOT I-405 Renton to Bellevue Project Coordination

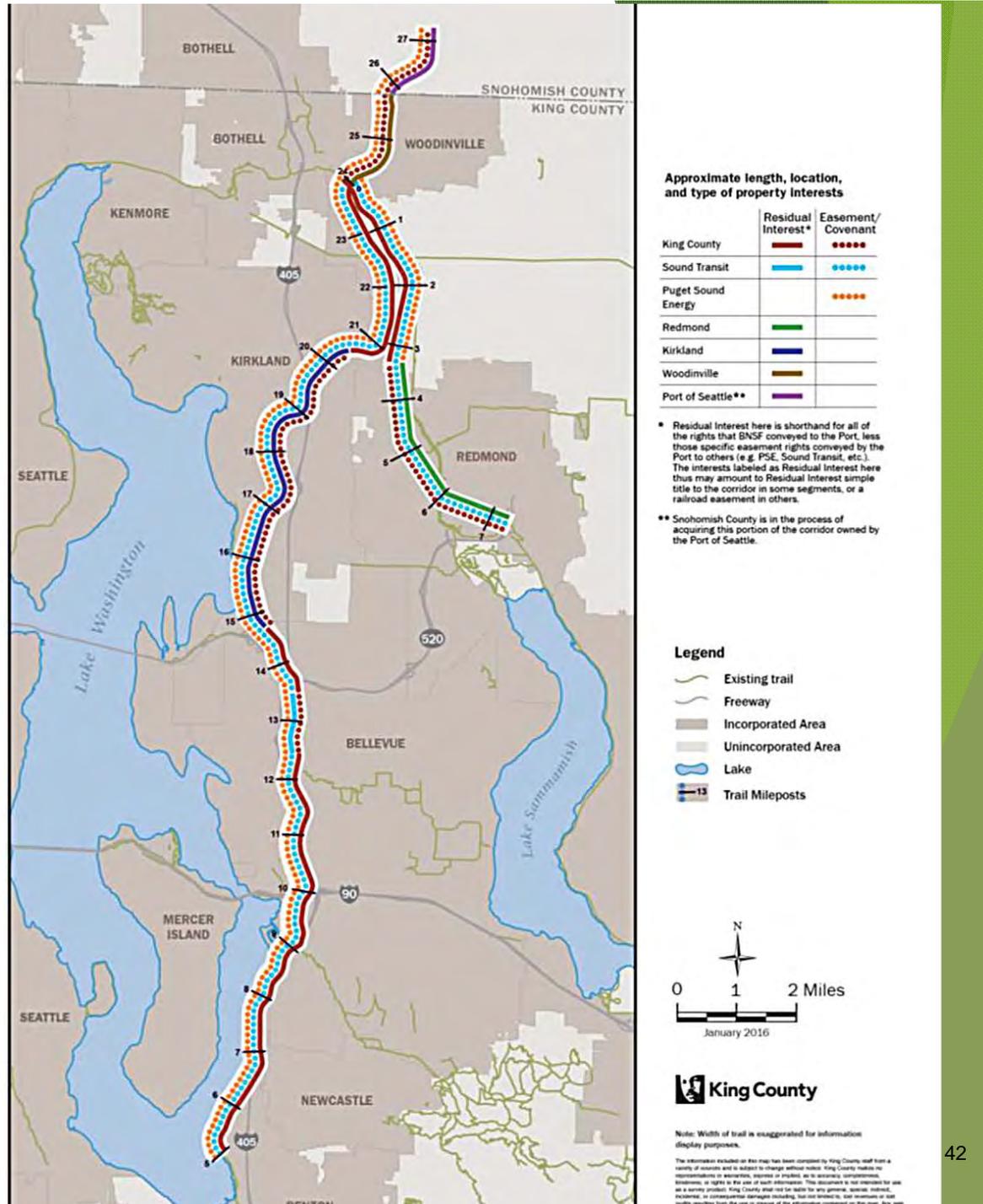
I-405/SR 167 Executive Advisory Group Briefing  
April 26, 2016

# Briefing Overview

- ▶ Trail Alternatives, Including Benefits and Impacts
- ▶ Major Considerations and Opportunities by Segment
- ▶ Cost Estimates
- ▶ Timeline
- ▶ Opportunities for Coordination between I-405 Renton to Bellevue and ERC Trail Projects

# Eastside Rail Corridor Trail Master Planning Overview

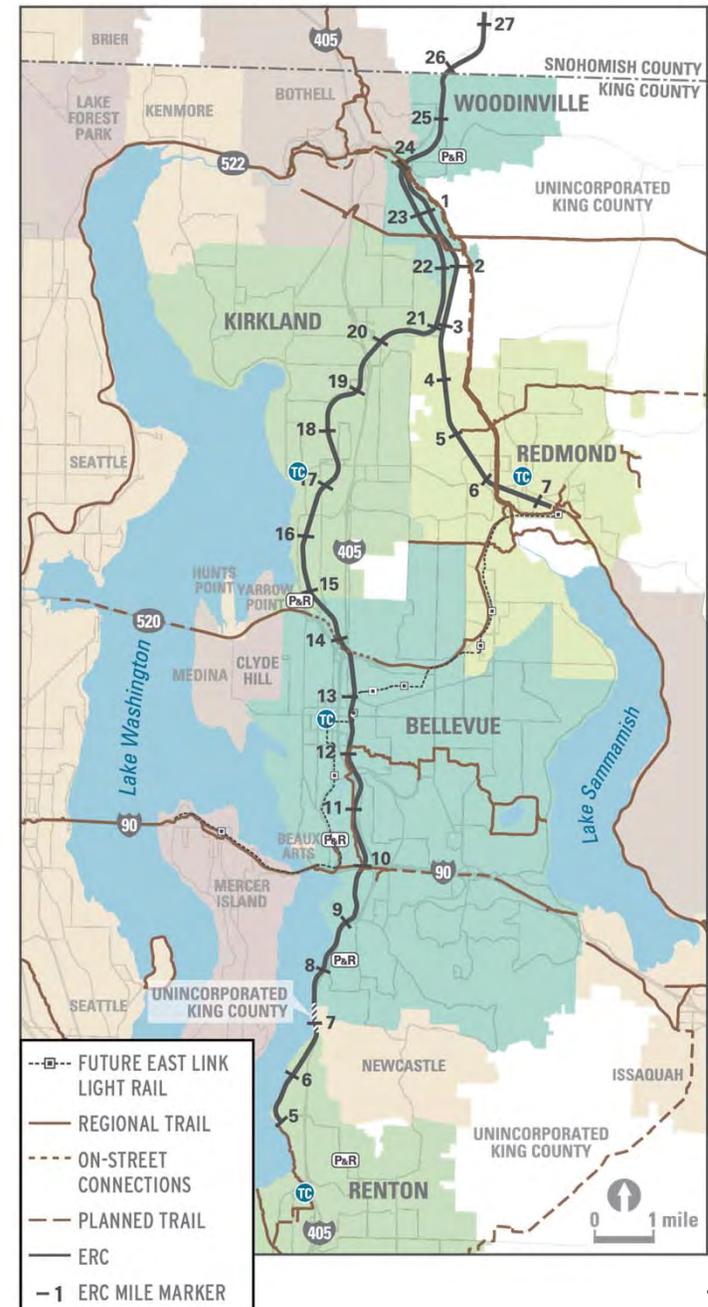
- Railbanked Area and Background
- Complex Ownership
- Multiuse Corridor Vision
- ERC Trail Vision
- Connecting the Eastside
- Trail Alignment Alternatives



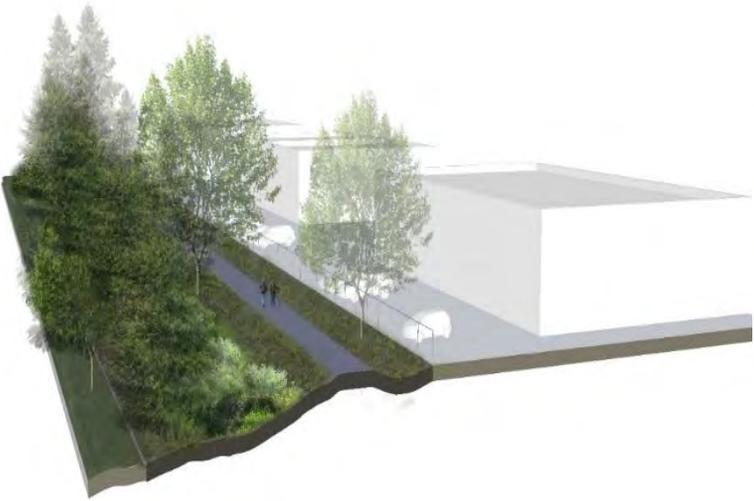
# Opportunities: Connecting the Eastside

- ERC Trail provides a key link between existing and planned regional trails
- Creates a continuous network serving over 350,000 citizens within Eastside, and over 1 million when considering connections across the lake
- Connections to core business districts of Renton, Bellevue, Kirkland, Woodinville, and Redmond
- Supports multimodal transportation options with numerous connections to transit centers and park and rides; direct connectivity to East Link Light Rail at Wilburton and Spring District

## REGIONAL TRAIL CONNECTIONS



# Trail Alternatives (Illustrative)

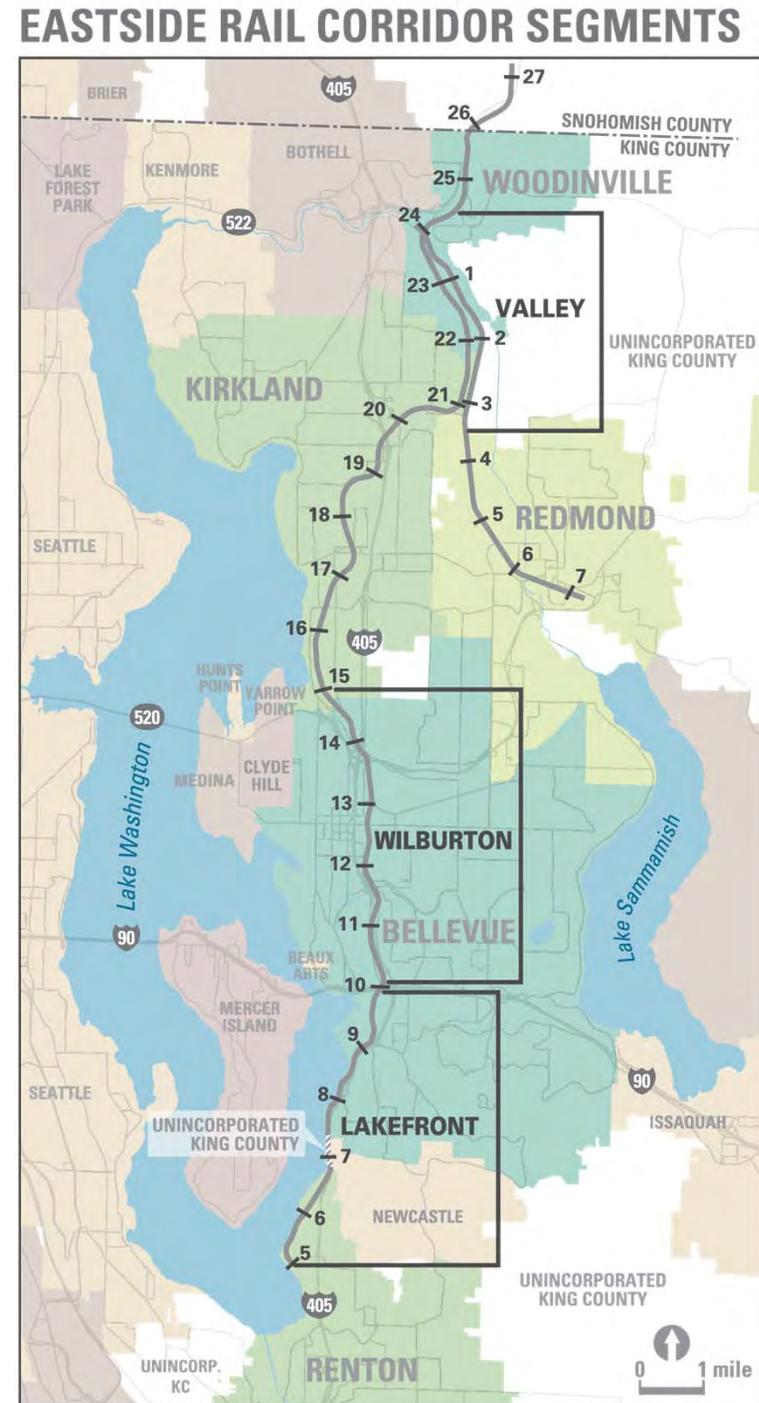


On-Railbed

Off-Railbed

# Corridor Segments

- **Lakefront** – Renton to I-90
  - Most residential segment
  - Opportunity to connect to Cedar River Trail and Lake to Sound Trail
  - Runs parallel with Lake Washington Loop Trail, to be impacted by 405 expansion in two segments
- **Wilburton** – I-90 to 108<sup>th</sup> Ave NE (Cross Kirkland Corridor)
  - Most urban and commercial, major redevelopments
  - Major bridge structures needed
  - Sound Transit ownership and East Link Light Rail
- **Valley** – Totem Lake to Woodinville, Mainline and Spur
  - Connections between the Main Line, Spur, and Sammamish River Trail
  - Interest in potential excursion rail service



# Total Project Cost - Preliminary Estimates

Segment	On-Railbed Alternative	Off-Railbed Alternative
Lakefront	\$33,000,000	\$79,000,000
Wilburton	\$97,000,000	\$112,000,000
Valley - Main Line	\$23,000,000	\$53,000,000
Valley - Spur	\$18,000,000	\$18,000,000
<b>Totals</b>	<b>\$171,000,000</b>	<b>\$262,000,000</b>

# KING COUNTY EASTSIDE RAIL CORRIDOR REGIONAL TRAIL MASTER PLANNING TIMELINE

Winter  
2016

**Release of the  
Draft Regional Trail  
Master Plan and EIS**

Open houses and  
public meetings

**Summer  
2016**

**Recommendation for the  
Preferred Trail Alternative and  
King County Council review of  
the Recommendation**

Issue Final Master Plan  
and EIS

Open houses,  
Council briefing

Fall  
2016

**King County Council  
Approval of  
Regional Trail Master Plan**

Council hearing

2017-2019

**Rail removal  
North Bellevue Interim Trail  
Spring 2017**

**Wilburton Segment  
Design Phase**

**Coordination with WSDOT  
I-405 Design 2017-2019**

**Lakefront Segment Interim  
Trail Design/Construction**

2020-2024

**Wilburton Segment  
Construction**

**WSDOT Construction  
of I-405 expansion and  
Wilburton Bike/Ped Bridge  
2019-2024**

# The Wilburton "Gap" - Reconnecting Across I-405



2007

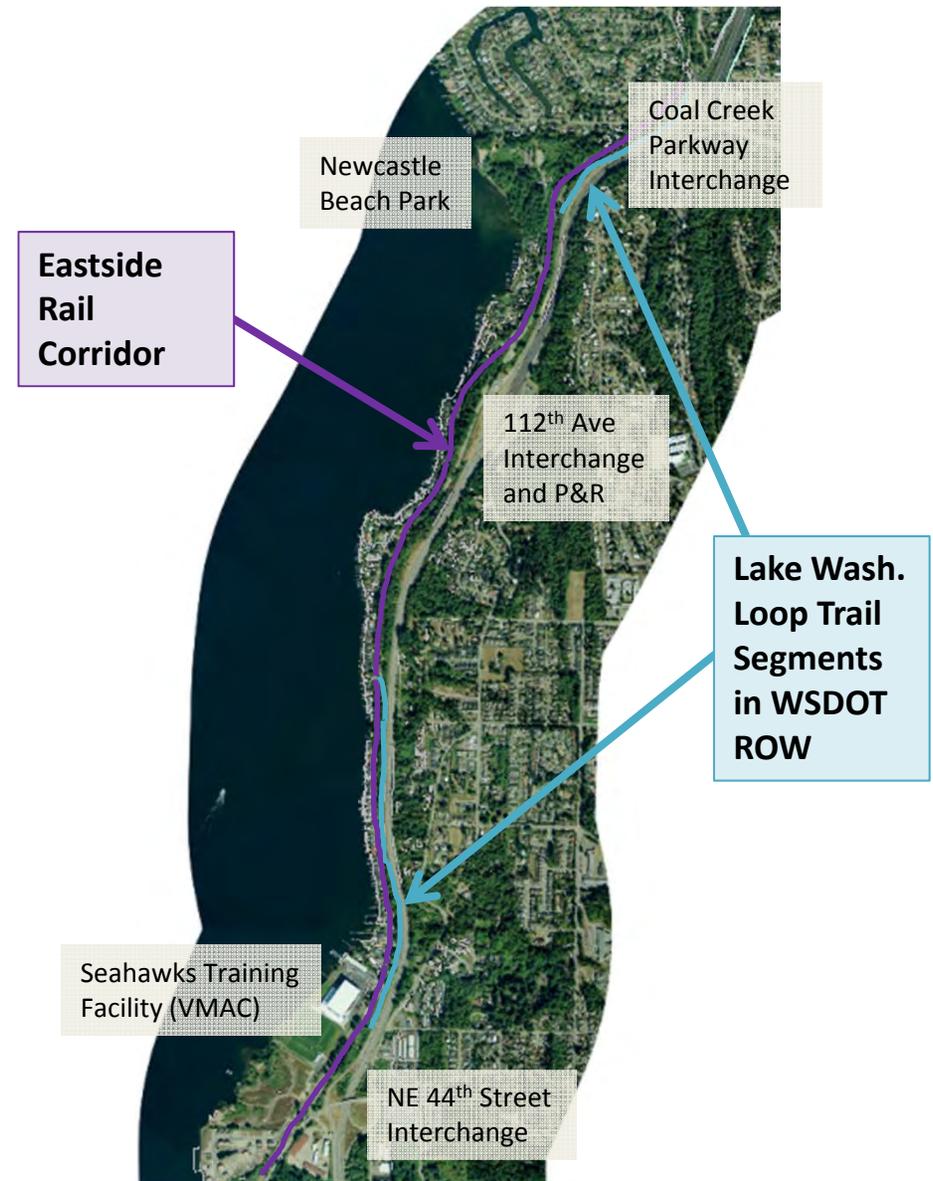


2009



# Relocation of Lake Washington Loop Trail

- 3-mile segment of the Eastside Rail Corridor is located between the Coal Creek Parkway and NE 44<sup>th</sup> Street interchanges
- Parts of Lake Washington Loop Trail (total distance: 1.3 miles) are located within WSDOT right of way and will need to be relocated as part of Renton to Bellevue construction



# Coordination between I-405 Renton to Bellevue and ERC Trail Projects

- Wilburton Gap Design Workshop - Late May/Early June 2016
  - Establish design criteria and jointly determine best bridge type and geometry to meet objectives
  - Report back on results and next steps
- Evaluation of opportunities for interim trail in the ERC as mitigation for impacts to Lake Washington Loop Trail during I-405 construction
- Discussion of permanent replacement of impacted LWLT sections in the ERC

# Questions?

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(425)456-8579

# METRO CONNECTS

King County Metro's  
long-range vision

**More  
Choices**

**One  
System**

**More  
Service**

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

April 26, 2016

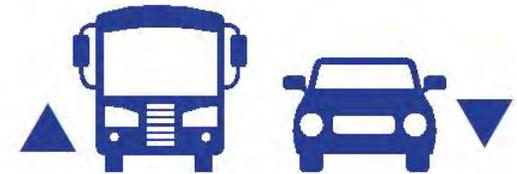
# Benefits Across King County



**DOUBLE** transit ridership



**TRIPLE** the percentage of people close to frequent service



Commuters who take transit grows from **14%** to **24%**



Metro buses arrive at Link stations every **1.5 MINUTES**



In **LOW-INCOME** or **MINORITY** areas, **85%** of residents will be close to frequent transit service—and the **OPPORTUNITIES** it brings.



**EMISSIONS REDUCED.** 300,000 fewer cars are on the road every weekday.

# More Service

## 2040 Service Network

### Frequent Service



### Express Service



### Local Service



[www.kcmetrovision.org/plan/service-map](http://www.kcmetrovision.org/plan/service-map)

# Service you can count on

## Investments to help buses run faster and stay on schedule:

- Bus lanes, signal priority, off-board ORCA readers
- 600 miles of roadway investments for all service types
- Significant expansion to Metro's capital program
- Requires strong partnerships with cities



# More Choices to Meet Many Needs



## Expanded Range of Options:

- Provide flexible service where traditional local transit service does not fit
- Integrate city planning and transit planning
- Develop new products through research and development
- Move toward faster and easier payments with ORCA 2
- Make it easier to move between Metro and other providers

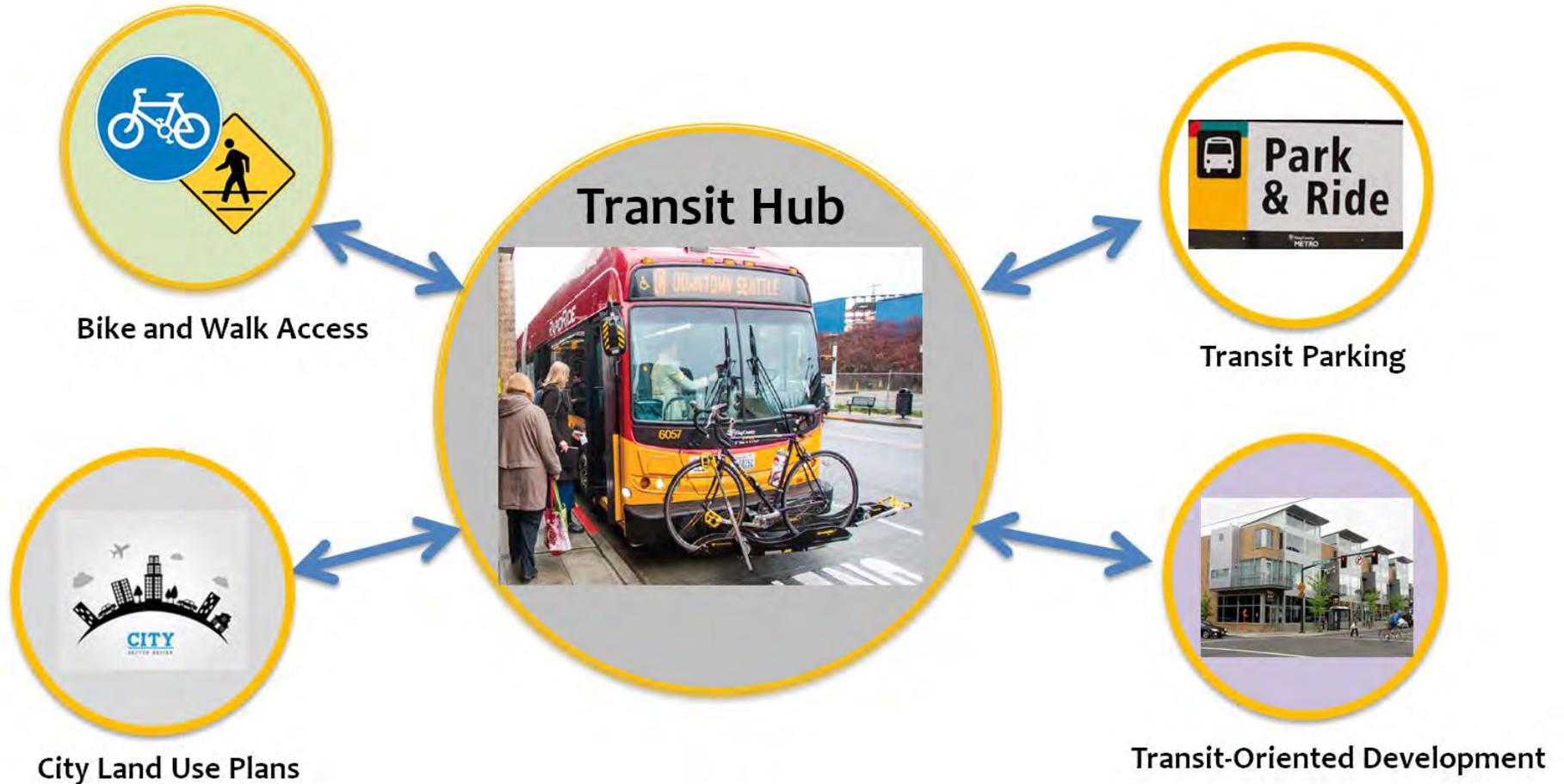
# Easy, Safe, and Comfortable



## **Make it easier to get where you want to go:**

- New and better information for customers and to improve operations
- Improvement to make easy connections to transit
- Safe and well-designed passenger facilities
- Make getting on the bus fast and easy

# Access to Transit



# Park-and-Rides

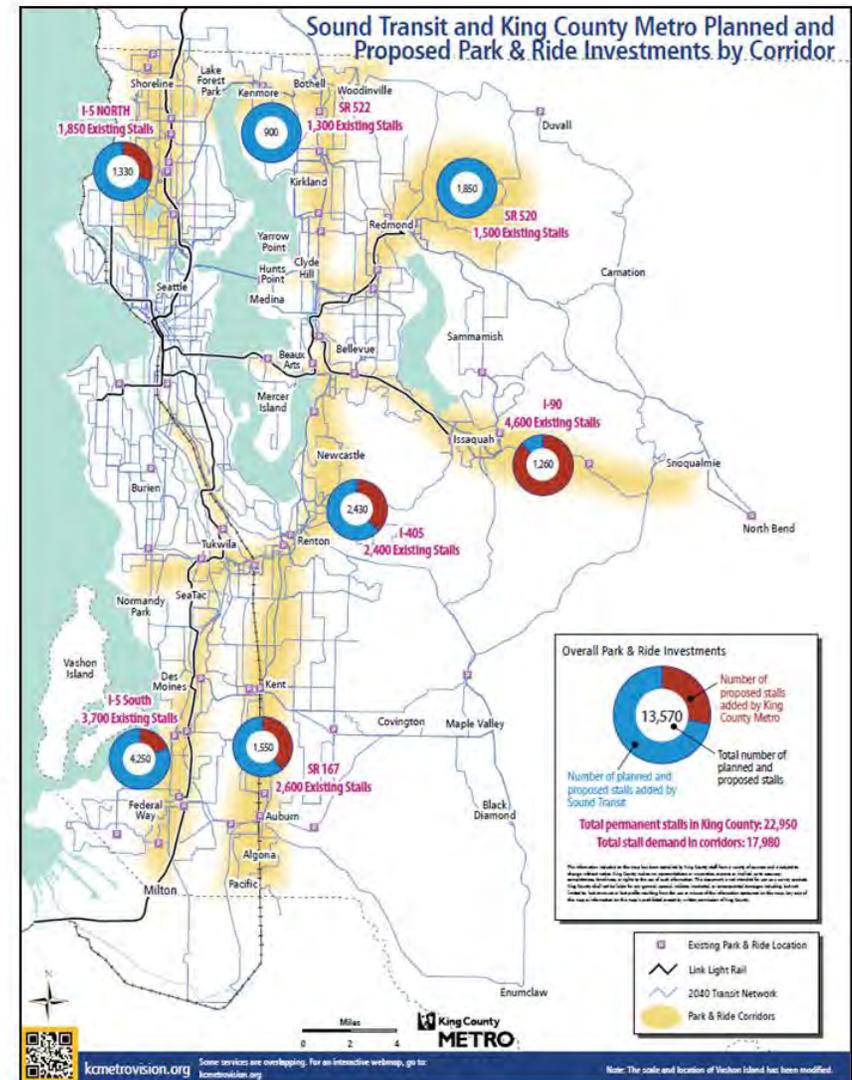
## More spaces

- Over 40% more park-and-ride stalls in 2040\*
- Investment focused in areas of low development & transit density
- Opportunities for more leased lots, shared parking, on-street options

## Increased efficiency

- Increase utilization through more rideshare, restriping
- Technology improvements like real-time parking info & communication
- Use paid parking to better manage capacity

\* Includes proposed Sound Transit investments



# Implementing the Vision

Transit system will require substantial capital and service investments

- Strengthen partnerships with cities, stakeholders and other transportation providers
- Work with cities to ensure improvements are a good fit for each community
- Long-range plan to support local planning and identify complementary transit service



# I-405: Existing Conditions

- **Ridership going up in the corridor.** Nearly 10% growth on routes that travel on I-405, compared to 2% growth on the system as a whole over past year
- **Travel time improved.** Savings of 2-10 minutes on average per trip for Metro routes using the toll lanes (10-30%)
- **Vanpools a strong market.** End of year, 2015 – approximately 199 groups on the northern I-405 corridor. 1,194 participants.
- **Communities In Motion** program to encourage alternatives to driving alone



# Future Vision for I-405

- Connections with bus rapid transit or other future services along the corridor
- Multimodal hubs along the corridor
- Access improvements such as park and rides

DRAFT 2040 Network | North I-405 BRT



# METRO CONNECTS

King County Metro's long-range vision

-  15 minutes
-  30 minutes
-  45 minutes
-  60 minutes



## How far can you go?

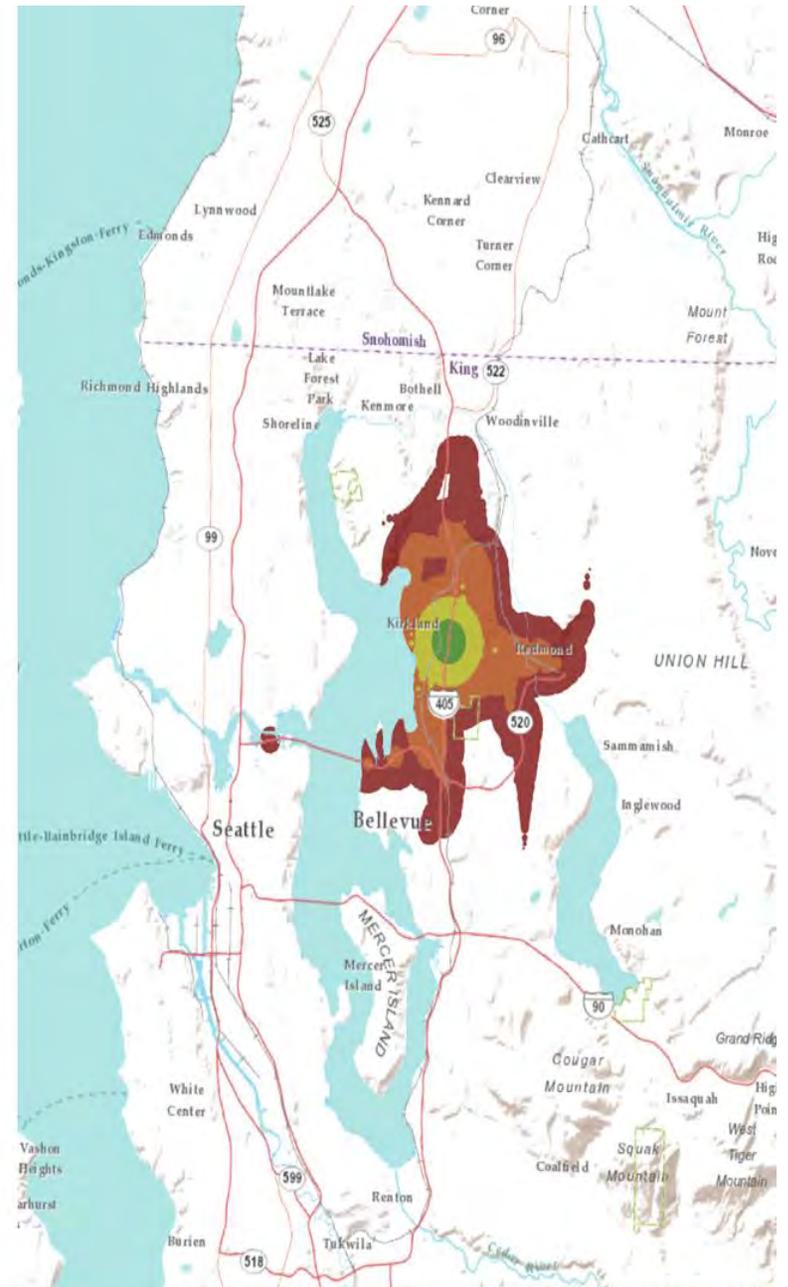
Starting from:

**Kingsgate**

In the year:



Travel times include initial wait times and the average time spent waiting to transfer. Represents trips starting at noon on weekdays.



# METRO CONNECTS

King County Metro's long-range vision

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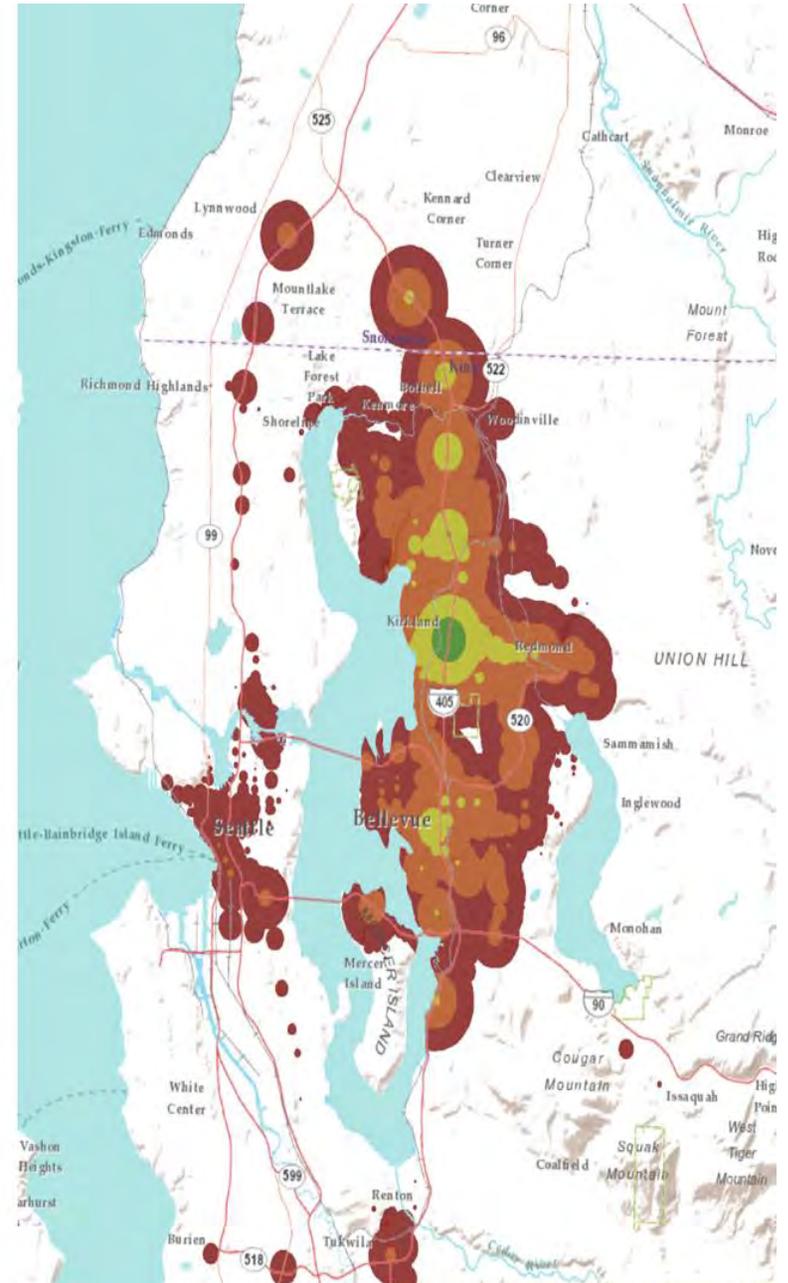
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# METRO CONNECTS

King County Metro's long-range vision

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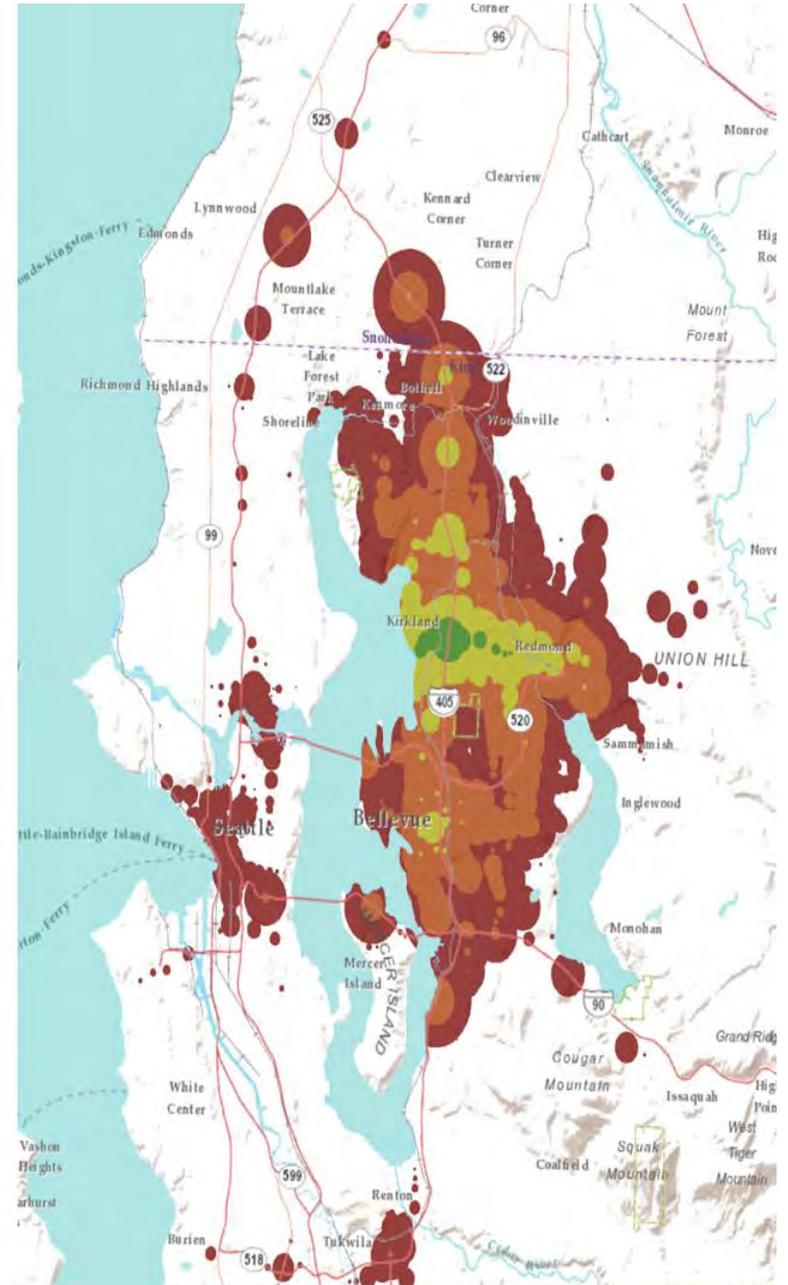
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# Learn More and Give us Feedback



Visit [kcmetrovision.org](http://kcmetrovision.org)



Sign up for updates



Send us your comments



Attend an event



Attend a Community Advisory Committee meeting



Join the conversation on social media  
#kcmetrovision



Take our online survey

**May 20** – Public comment ends on the draft METRO CONNECTS plan

## **Upcoming Evening Joint Sound Transit & King County Metro open houses:**

- April 26 – West Seattle High School
- April 27 – Old Redmond Schoolhouse
- April 28 – Union Station (Daytime)
- April 28 – Todd Beamer High School (Federal Way)



## Questions?

### Contact us:

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Transportation Planner

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Tristan Cook

Community Relations Planner

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206-477-3842



# Draft ST3 Plan

I-405 Executive Advisory Group

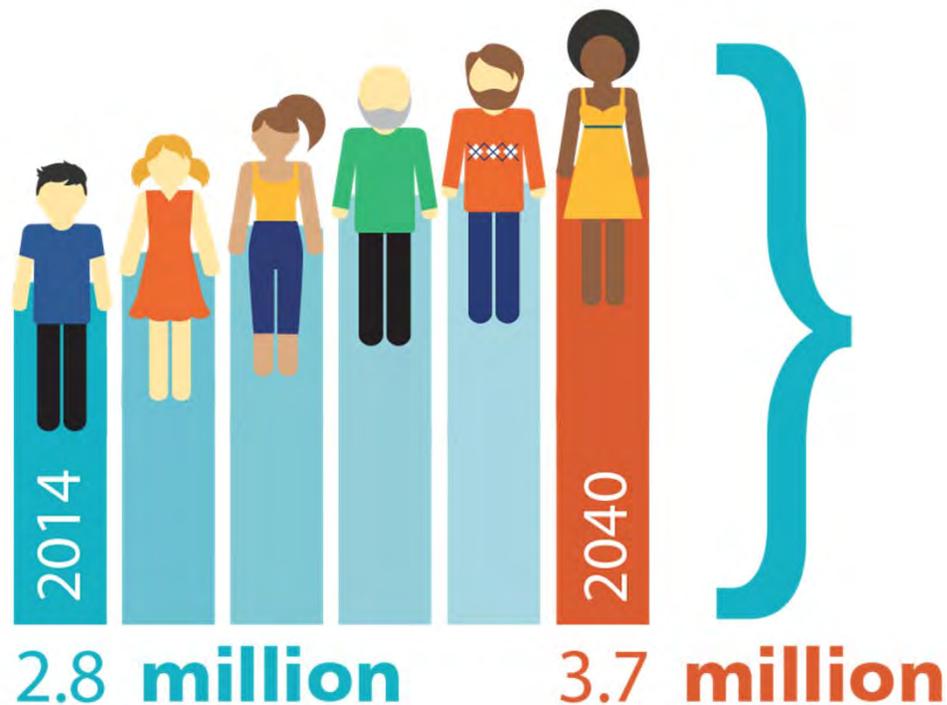
April 26, 2016

**SOUND TRANSIT**

# Sound Transit District

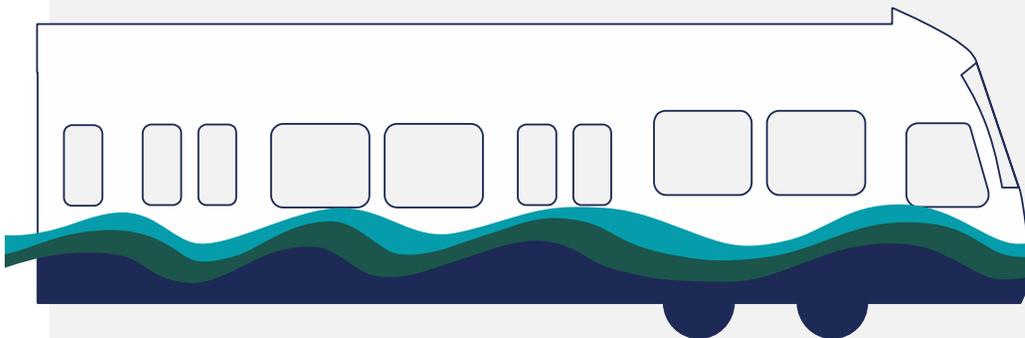
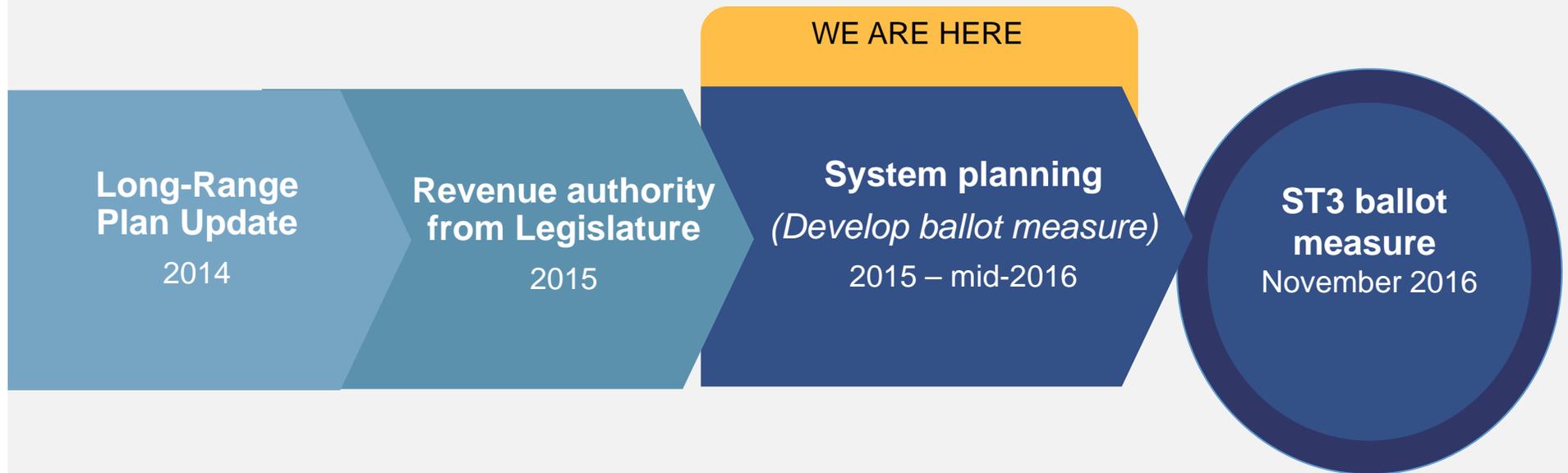


# More people calling our region home



Source: Puget Sound Regional Council

# ST3 timeline



## Why ST3?

### **Bold transit infrastructure investments**

- Benefit quality of life, economy & environment
- Increased transportation capacity in busiest corridors
- Delivered steadily over 25 years
- Regional 112-mile light rail system
  - Fast, frequent, reliable service
  - Serving more riders & communities
  - 470,000-580,000 daily riders by 2040

# Draft Plan: Early deliverables



Projects	Draft Schedule
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<p><b>To improve bus speed and reliability:</b></p> <ul style="list-style-type: none"> <li>• Bus-on-shoulder opportunities: I-5, I-405, SR 518, SR 167</li> <li>• Capital improvements for RapidRide C and D Routes</li> <li>• Bus capital Improvements for Pacific Ave. (Tacoma)</li> <li>• Bus capital improvements in East Pierce County</li> </ul> <p><b>To improve system access:</b></p> <ul style="list-style-type: none"> <li>• Parking on SR 522 in Kenmore, Forest Park and Bothell</li> <li>• I-405: Parking at Kingsgate and new transit center with parking in South Renton</li> <li>• Parking for Sounder north and south lines</li> <li>• Passenger amenities, including pedestrian and bicycle improvements</li> </ul>	<p>2019-2024</p>
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# Draft Plan: BRT-ST Express

**KEY**

**PROPOSED ST3 PROJECTS**

- Link Light Rail
- Bus Rapid Transit
- Sounder Rail
- Proposed shoulder-running buses / speed and reliability improvements
- Environmental study
- Future investment study

**CURRENT AND PLANNED SERVICE**

- Link Light Rail
- Sounder Rail
- ST Express Bus

**STATIONS**

- New station
- New station / added parking
- Improved station
- Major rail transfer

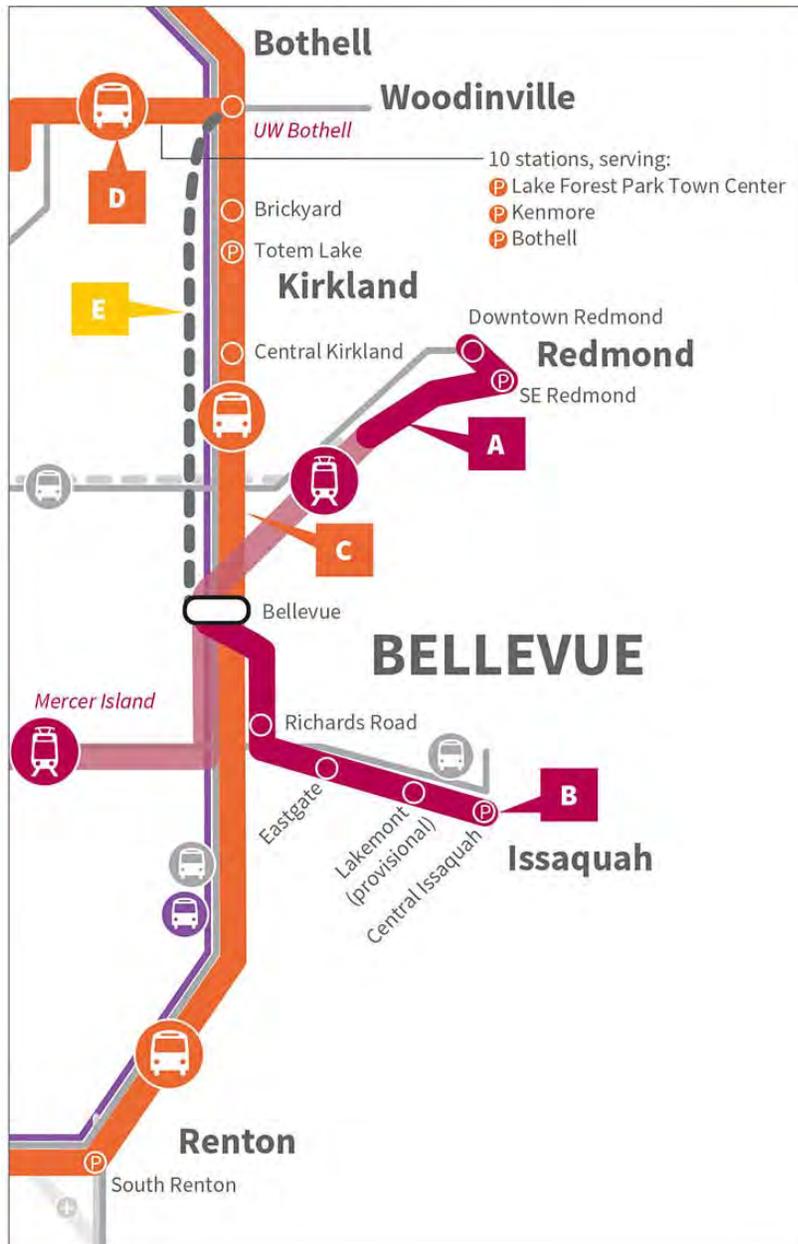
NOTE: All routes and stations are representative.



DuPont

Projects	Draft Schedule
<p>ST Express:</p> <ul style="list-style-type: none"> <li>Approximately 600K annual hours to continue providing interim express bus service in future HCT corridors</li> </ul>	On-going
I-405 BRT: Lynnwood to Burien	2024
<p>SR 522 &amp; NE 145th Street BRT:</p> <ul style="list-style-type: none"> <li>UW Bothell to NE 145th light rail station</li> <li>Includes service from Woodinville</li> </ul>	2024

# East corridor



**KEY**

**PROPOSED ST3 PROJECTS**

- Link Light Rail
- Bus Rapid Transit
- Proposed shoulder running buses/other speed and reliability improvements
- Environmental study

**CURRENT AND PLANNED SERVICE**

- Link Light Rail
- Sounder Rail
- ST Express Bus

**STATIONS**

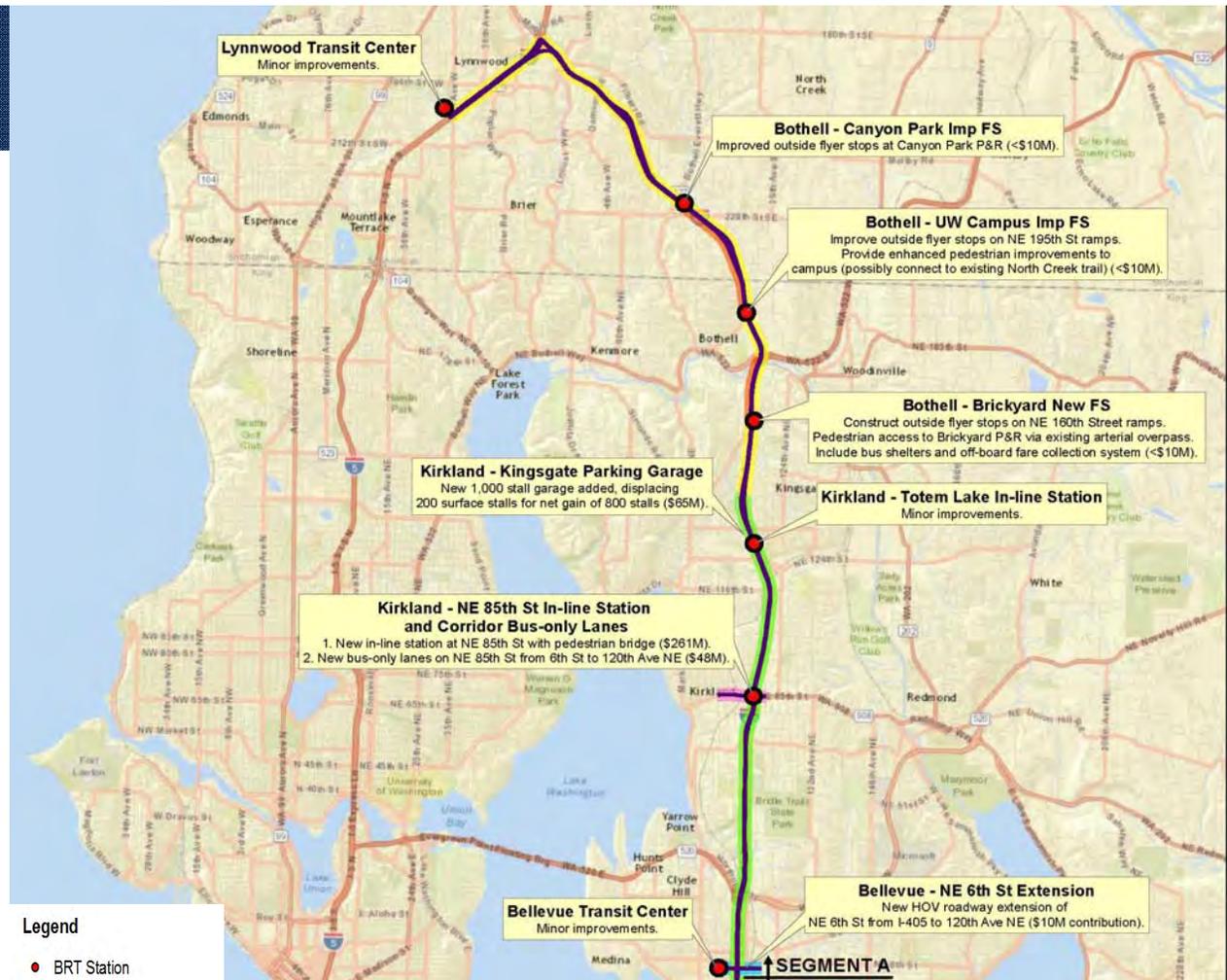
- New station
- New station / added parking
- Improved station
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NOTE: All routes and stations are representative.

# I-405 BRT north

## Lynnwood to Bellevue

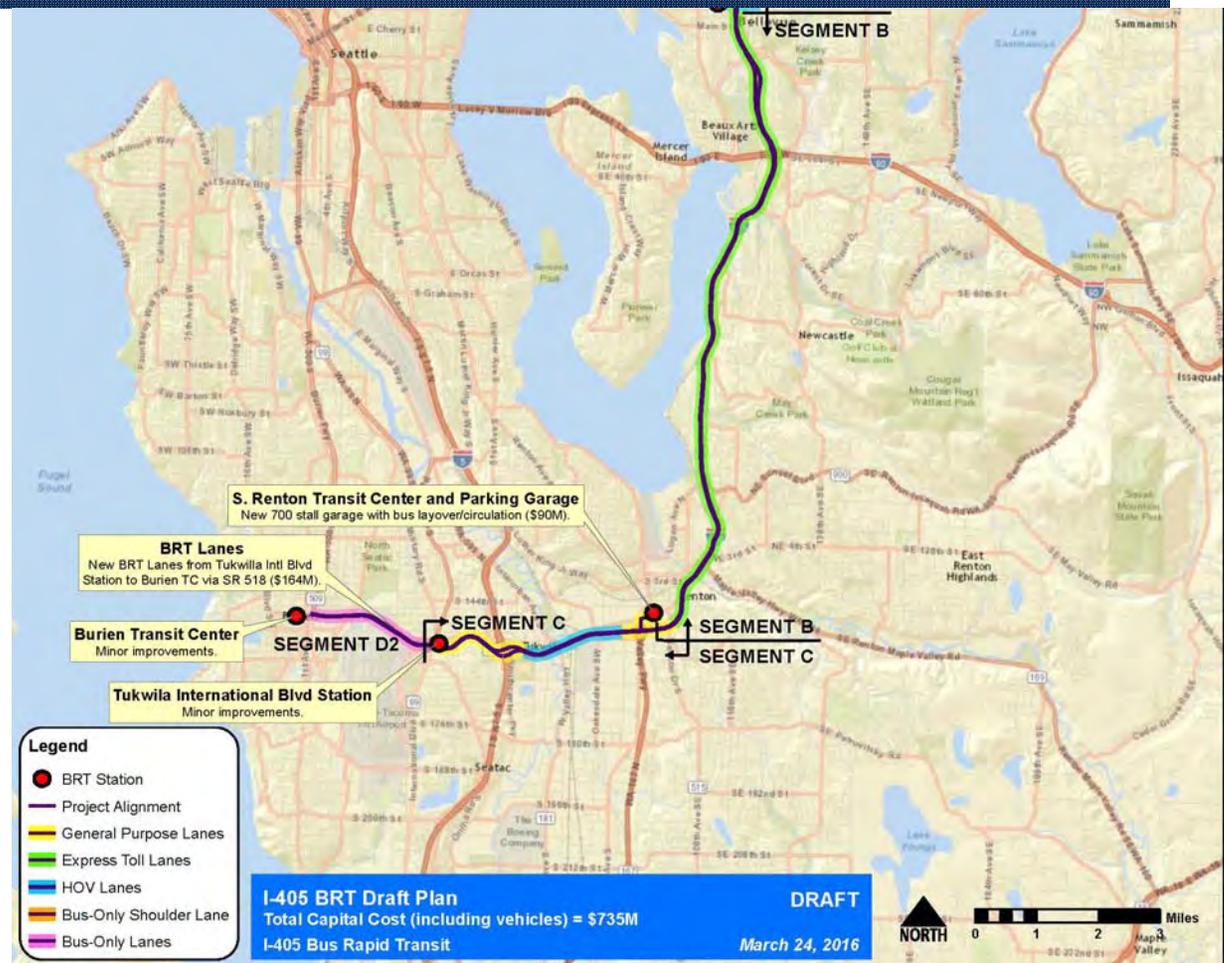
- In Express Toll Lanes and bus-only shoulder lanes for majority of trip
- In general purpose lanes from Lynnwood to Canyon Park
- Provides connection to SR 522 BRT at 195th/UW Bothell
- Serves Totem Lake
- Serves Central Kirkland



# I-405 South/ SR 518 BRT

Bellevue to Renton,  
Tukwila Int'l Blvd station  
& Burien Transit Center

- In Express Toll Lanes from Bellevue to S Renton
- In HOV lanes from S Renton to SR 518
- In GP lanes to Tukwila Int'l Blvd station (TIBS)
- In bus-only lanes from TIBS to Burien Transit Center



# Draft Plan: Environmental & future investment studies

**KEY**

**PROPOSED ST3 PROJECTS**

- Link Light Rail
- Bus Rapid Transit
- Souder Rail
- Proposed shoulder-running buses / speed and reliability improvements
- Environmental study
- Future investment study

**CURRENT AND PLANNED SERVICE**

- Link Light Rail
- Souder Rail
- ST Express Bus

**STATIONS**

- New station
- New station / added parking
- Improved station
- Major rail transfer

NOTE: All routes and stations are representative.



## Studies

HCT Environmental Study: Bothell to Bellevue via Kirkland

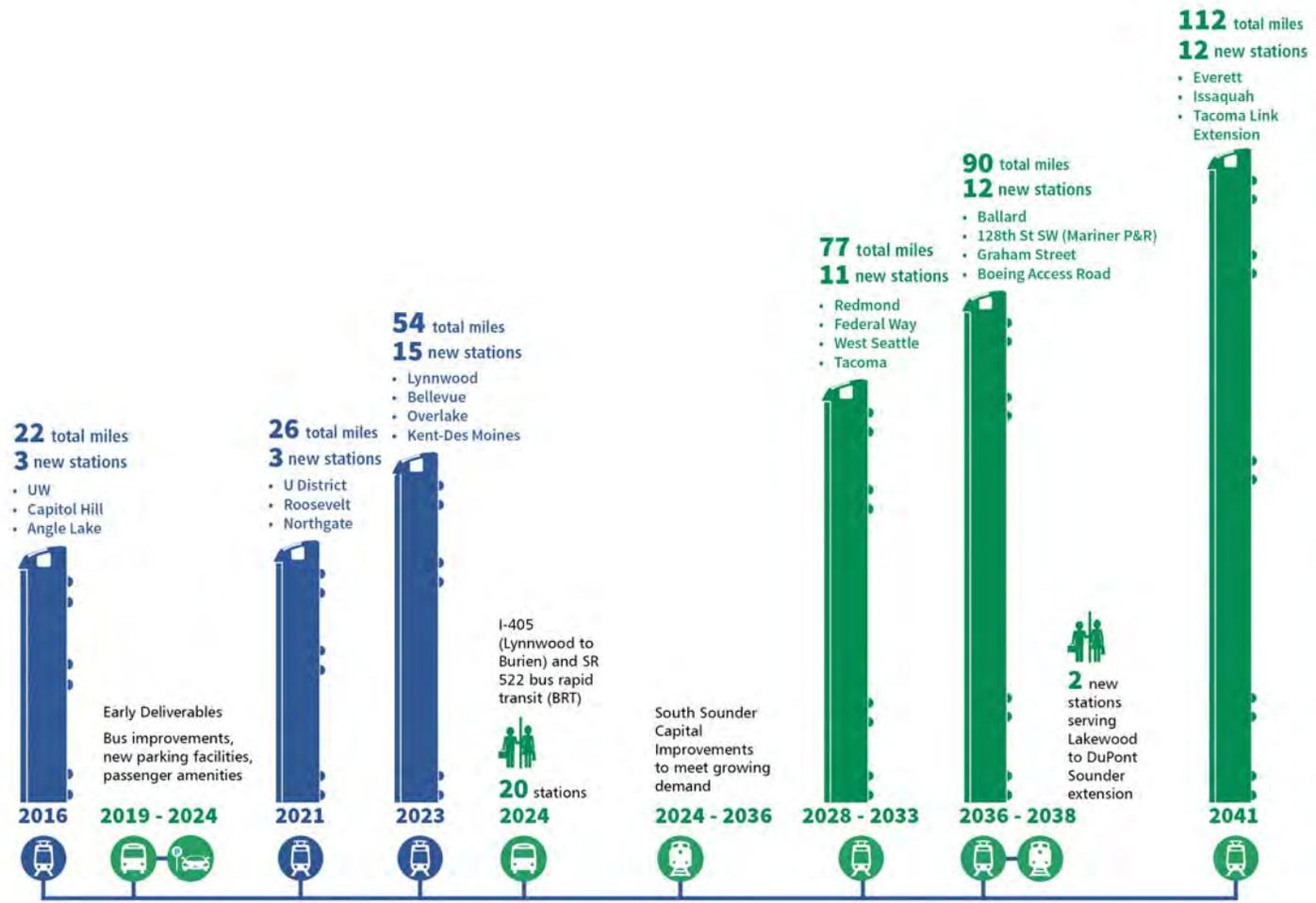
HCT Study: Northern Lake Washington

HCT Study: Light rail extending from West Seattle to Burien and connecting to light rail spine

HCT Study: Connections from Everett to Everett Community College

HCT Study: Commuter rail to Orting

# Draft Plan: Project delivery timeline



\*Note: not all ST3 Draft Plan projects shown on timeline

● Sound Transit 2 Projects ● Sound Transit 3 Draft Plan Projects

# Draft Plan: Funding

Revenue source <i>in billions, YOY</i>	2017-2041
Sales tax	16.8
License tabs	6.9
Property tax	3.9
<b>Total taxes*</b>	<b>27.6</b>
Other revenue	22.5
<b>Total estimated sources of funds</b>	<b>\$50.1B</b>



\*Current forecast: 0.5% sales & use tax, 0.8% MVET & property tax of 25 cents per \$1,000 of assessed valuation

# We want to hear from you!

- **March 29-April 29:**

- Online survey at [soundtransit3.org](https://soundtransit3.org)
- **Public and stakeholder outreach**

April 19*	Ballard High School – 5:30 pm
April 21	Evergreen State College – Tacoma - 5:30 pm
April 25	Everett Station - 5:30 pm
April 26*	West Seattle High School - 5:30 pm
April 27*	Old Redmond School House - 5:30 pm
April 28*	Todd Beamer High School – Federal Way - 5:30 pm
April 28*	Union Station, Seattle – 11:30 am

*\*Coordination with King County Metro's LRP public outreach*

- **June: Adoption of Final System Plan**
- **November: Ballot measure for voter consideration**



**Connect with us**

**SOUNDTRANSIT3.ORG**

**Facebook.com/SoundTransit**

**Twitter.com/@SoundTransit**

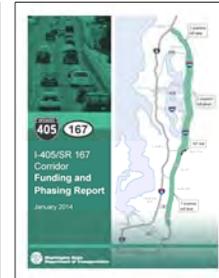
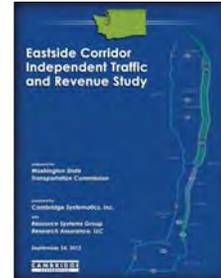
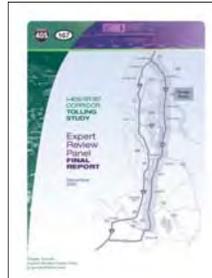
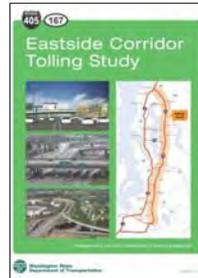
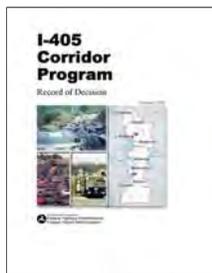
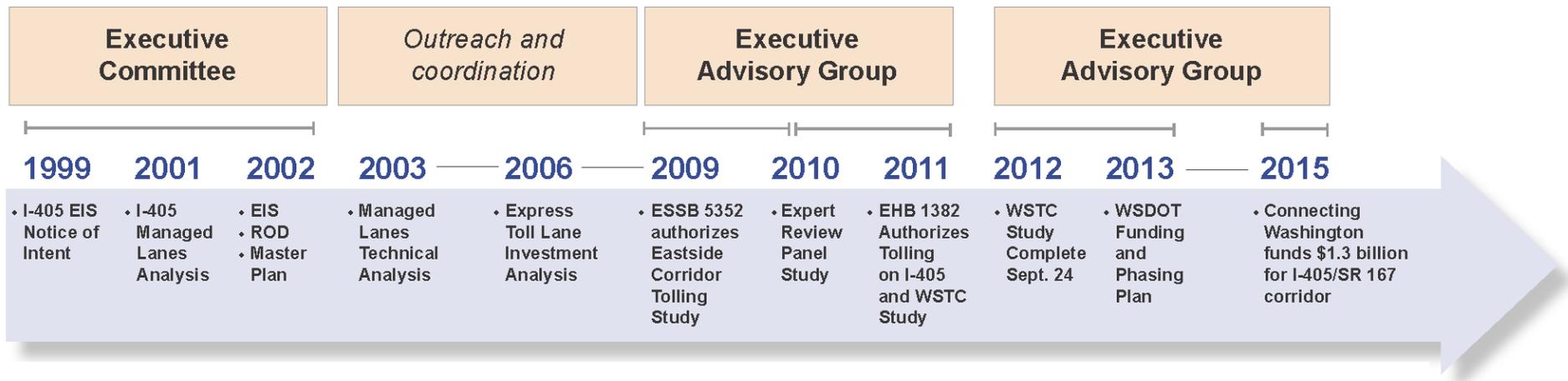


# Discussion: I-405 Master Plan Progress

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

# 15+ years of partnership on Express Toll Lanes

Stakeholder involvement and transparency are critical



# Public Comment

Facilitated by:

**Amy Danberg**

I-405/SR 167 Program Communications

# Wrap Up

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