

# **METRO CONNECTS**

## **Implementation Update**

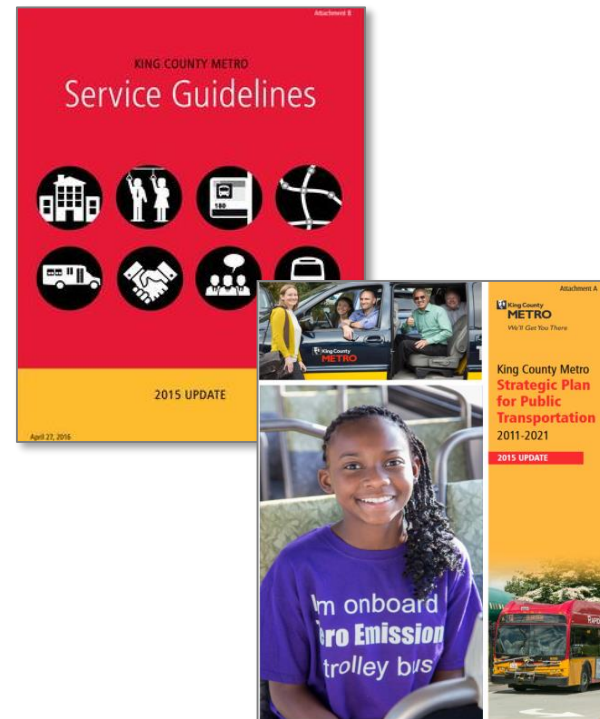
Regional Transit Committee  
June 19, 2019



*Moving forward together*  
*Juntos avanzamos*

# Introduction

- **Today's update** reflects progress made towards METRO CONNECTS, using existing policy, on three areas: service, RapidRide, capital
- **In the future**, the mobility framework, regional planning effort, and related policy updates will help further align our policies and center them on equity and sustainability.



# Regional Project Schedule

## METRO CONNECTS DEVELOPMENT PROGRAM

## REGIONAL PROJECT SCHEDULE

1/9/19



Demand for transit is rising throughout King County, driven by job and population growth, as well as by the increasing number of people who choose transit, including those living in poverty or near-poverty. Metro developed its long-range vision, METRO CONNECTS, to meet these increasing demands. Metro has also identified a four-part strategy, shown below, that will guide the agency towards implementation of METRO CONNECTS in the near-term. This strategy has defined targets identifying the achievements we should aim for in order to make progress towards the METRO CONNECTS vision.

To provide a roadmap for implementing the near-term 2025 METRO CONNECTS vision, Metro has established a Regional Project Schedule to outline the major service and capital projects and programs needed to move towards that vision and meet these ambitious targets. This 2019 update of the schedule documents the major steps that Metro is taking to implement the vision in the 2019–2024 time period using current revenue sources. The update reflects Metro's adopted 2019–2020 budget. The schedule is dynamic, and will continue to be updated as Metro's financial outlook, organizational capacity to deliver, and partnership potential becomes clearer.

Metro's 4-part strategy and targets (near term by close of 2019; four years by close of 2022)



**1 MAKE TRANSIT EASY TO USE, AVAILABLE TO ALL**

**Provide integrated, equitable and accessible mobility service**

**TARGETS:**

- ▶ Near term: 135 million Metro rides
- ▶ Four years: 235 million rides in King County across all Metro-operated or partnered services



**2 GET THINGS BUILT**

**Accelerate the development of transit infrastructure that is critical to service growth**

**TARGETS:**

- ▶ Near term: Cut in half the capital planning and delivery process; deliver projects at twice the rate we do today
- ▶ Four years: Eighth base built



**3 PARTNER WITH OTHERS**

**Amplify the capacity of our system through partnerships**

**TARGETS:**

- ▶ Establish a clear definition of "partnership" and a template for use throughout Metro, and launch five private/public mobility partnerships
- ▶ Four years: Using METRO CONNECTS Development Program, deliver 20 transit corridors—RapidRide, express and frequent



**4 ENABLE EMPLOYEES TO DO TOP QUALITY WORK**

**Deliver by building a highly motivated and high-performing workforce.**

**TARGETS:**

- ▶ Near term: Increase employee well-being and performance by starting one wellness center in 2019; have wellness centers in all bases in five years
- ▶ Four years: Partner with local colleges and training centers to develop five internship programs

**Guiding Service Principles** Principles used to guide the sequencing of major mobility projects

- 1 Work within Metro's organizational capacity and manage constraints.
- 2 Manage system performance.
- 3 Integrate service with Sound Transit projects.
- 4 Deliver the METRO CONNECTS 2025 Service Network by supporting partnerships and partner priorities.
- 5 Deliver the remaining METRO CONNECTS 2025 service network by investing in service that supports productivity, social equity and geographic value throughout King County. Implement the remaining parts of the METRO CONNECTS 2025 network, prioritizing RapidRide expansion and associated ridership growth.

1/9/19

1/9/19

This includes frequent service corridors that are planned for conversion to RapidRide post-2030.

9 RapidRide lines, and Sound Transit Link and BRT services  
20 biennial budget.

2023–2024

— **Bellevue – Overlake**  
to integrate with East Link station openings

— **Federal Way**  
to integrate with Federal Way Link Extension station openings

— **Lynnwood**  
to integrate with Lynnwood Link Extension station openings

— **Redmond**  
to integrate with Downtown and SE Redmond Link

— **(Renton - Kent - Auburn)**  
to implement the I Line and associated network changes  
to implement RapidRide Rainier line and associated

**sevelt**  
to implement the RapidRide Roosevelt line, C and D Line  
associated network changes

**gration**  
to integrate with launch of Sound Transit SR 522 Stride  
service and station openings

**ration**  
to integrate with launch of Sound Transit I-405 Stride  
service and station openings, including South Renton

completion (2023)

completion (2024)

completion (2024)

completion (2024)

Completion (2023)

completion (2023/2024)



# 2019-20 Service Investments

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- **March 2019**

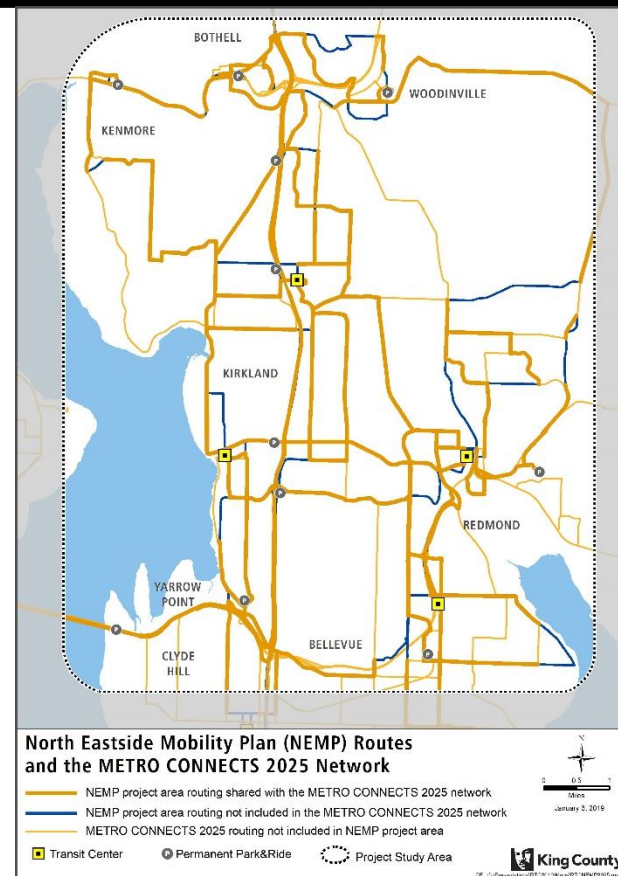
- Relocation of buses from Downtown Seattle Transit Tunnel
- More than 7,000 hours added to reduce overcrowding and improve reliability

- **September 2019**

- More than 17,000 hours added to reduce overcrowding, improve reliability, and grow the system
- 50,000 added service hours through Seattle Transportation Benefit District

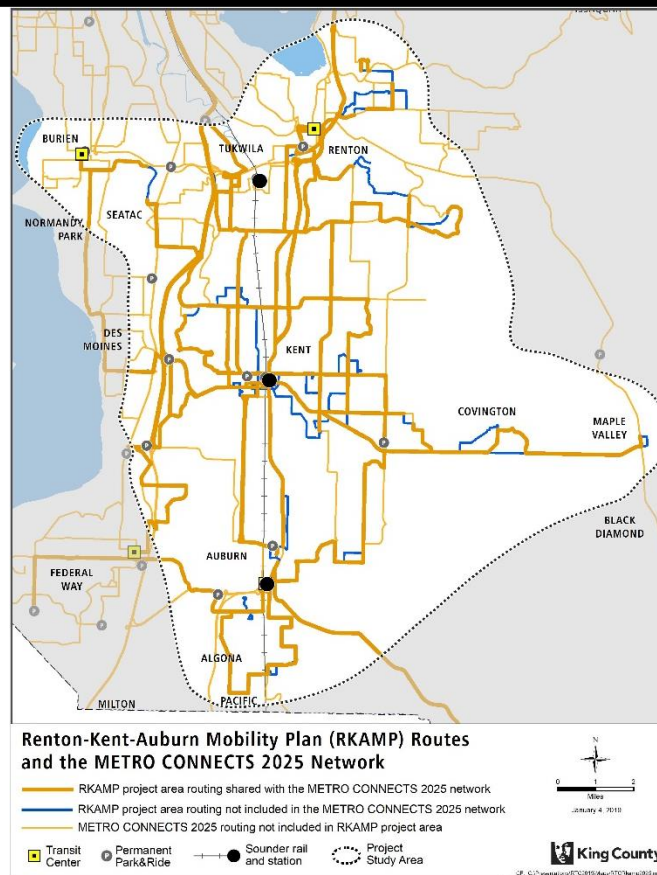
# 2019-20 Mobility Projects

- **North Eastside** (March 2020)
  - Legislation has been transmitted to King County Council
  - Proposed changes include:
    - Integration with Link light rail at UW Station
    - New flexible mobility services (community van, community ride)
    - Improved connections between Eastside and north shore communities



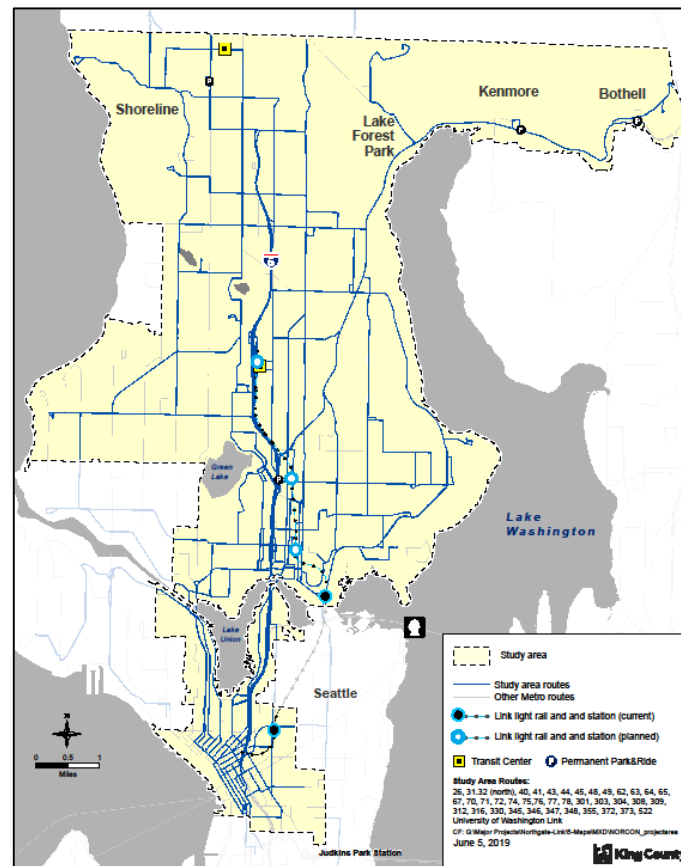
# 2019-20 Mobility Projects

- **Renton-Kent-Auburn** (Fall 2020)
  - Ongoing outreach and engagement
  - Emphasis on historically disadvantaged communities
  - Proposed changes could include:
    - Redesign of fixed-route service
    - New flexible services
    - Set alignment and station locations for **RapidRide I Line** (*launches 2023*)



- **North Link Connections**  
(2021)

- Link Light rail expansion to Northgate with three new stations
- Service change stakeholder & public outreach beginning June 2019
- Service area encompasses up to ¼ of all current Metro service hours





# Community Connections

- **Program Status**

- 24 projects underway in 26 cities and unincorporated King County
- Three mobility projects plus five additional projects in planning
  - Kent Industrial Valley
  - Redmond
  - Seaview/Sunset Hill
  - Skyway
  - Tukwila

COMMUNITY CONNECTIONS  
*Innovation in action*





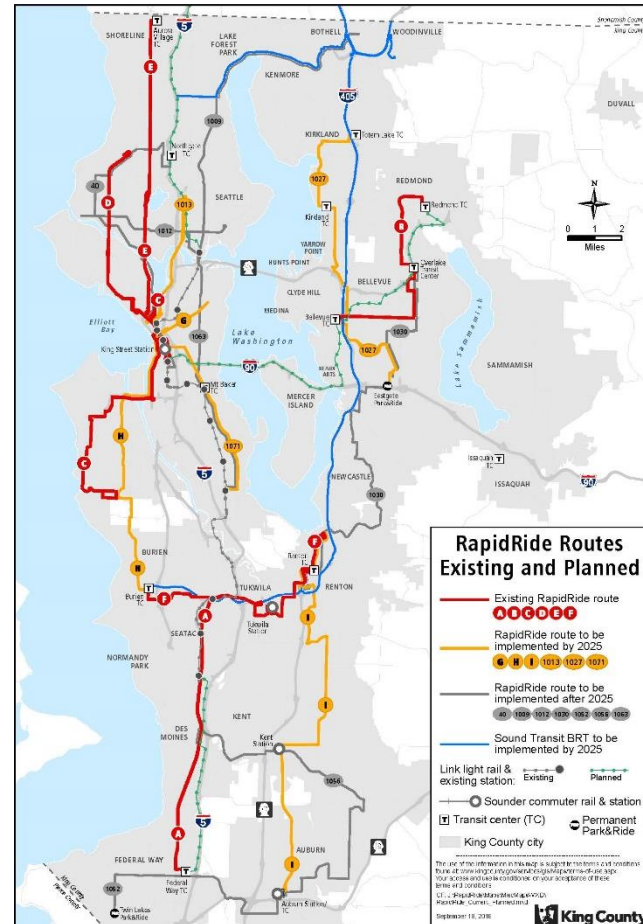
# Community Connections

- **Program and policy development**
  - Pilot evaluation processes
  - Coordinated mobility planning
  - Annual System Evaluation
  - Incorporating updated performance measures in Service Guidelines



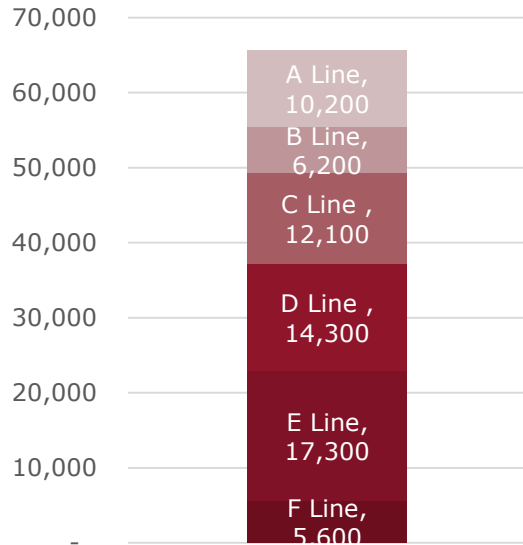
# RapidRide Network Map

- **Part of a high capacity Countywide transit network**

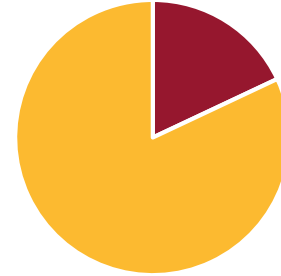


# RapidRide Performance

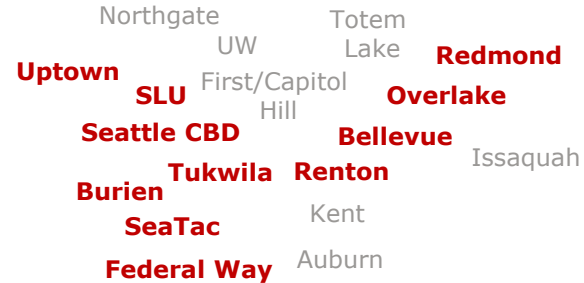
**RapidRide carries 66,000 passengers each day**



**1 in 5 boardings are on RapidRide**



**Connects 11 Regional Growth Centers**



# RapidRide Customer Satisfaction

## High overall customer satisfaction

**5/6** 5 of 6 lines above 79% satisfaction

**↑** 9% increase on average

**E** 24% increase at launch, 11% drop since then

## Strong brand recognition

*"Red!"*

*"real-time signs"*

*"RapidRide"*

***"Line"***

*"the red bus"*

## Customer satisfaction exceeds other Metro service

1. Frequency of service
2. Quality of experience
3. Hours of operation
4. Freedom from schedule
5. Shelters and features
6. Reliability

# Implementation timing criteria



- **Equity and social justice factors**
- **Ridership and productivity**
- **Geographic balance**
- **Role in the high capacity transit network**

# RapidRide Expansion Timeline

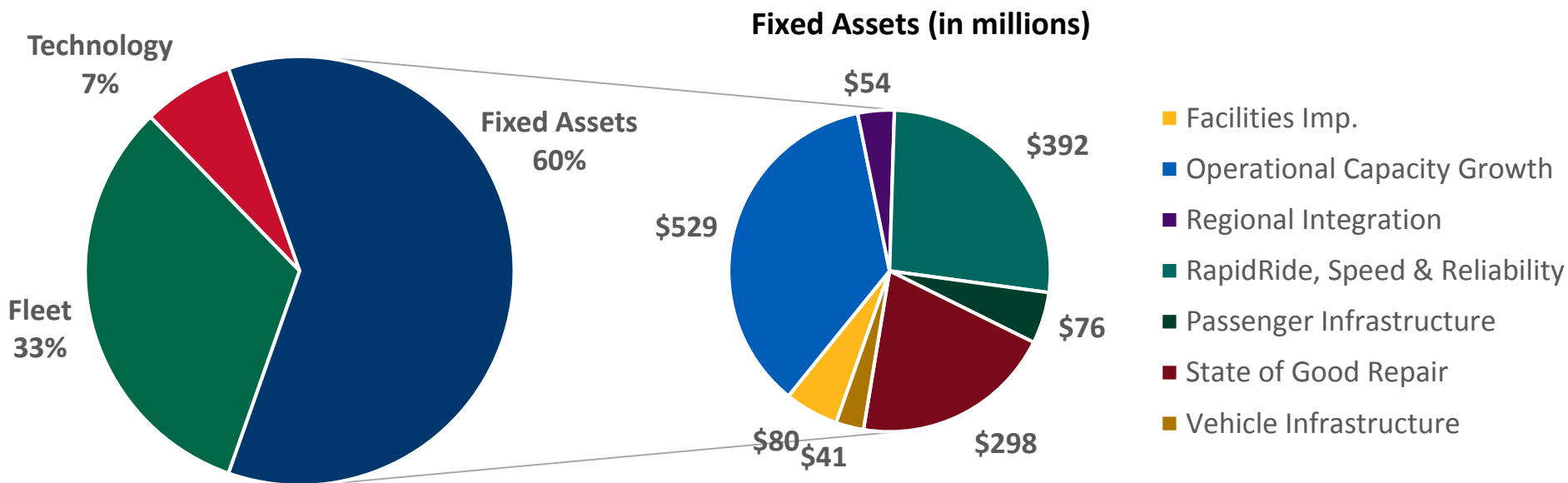
RapidRide Corridor	Location (RapidRide Name)	Target Opening Timeframe	2018	2019	2020	2021	2022	2023	2024	2025
G Line	Madison Valley/Seattle (Madison)	Spring 2022	Final Design	Implementation			★			
H Line	Burien/Westwood Village/Seattle (Delridge)	Fall 2021		Final Design	Implementation	★				
I Line	Renton/Kent/Auburn	Fall 2023		Preliminary Design	Final Design	Implementation		★		
Corridor 1013	Seattle/Eastlake/University District (Roosevelt)	Spring 2024	Small Starts/Final Design			Implementation		★		
Corridor 1071	Seattle/Mount Baker/Rainier Beach (Rainier)	Fall 2024	Preliminary Design	Final Design	Float	Implementation			★	
Corridor 1027	Totem Lake/Bellevue/Eastgate	Spring 2025		Preliminary Design	Small Starts	Final Design	Implementation			★

★ = Service Starts



# Six-Year Capital Improvement Program (\$2.4B)

2019-2024



# Speed & Reliability Investments

## Core Network – 4 projects nearing completion

- Seattle Center - Capitol Hill (Route 8)
- Kent – Southcenter – Downtown (Route 150)
- Kirkland – Redmond – Bellevue (Route 245)
- Columbia Way (multiple routes)

## Future Network – 3 projects underway (planning)

- Covington-Kent-SeaTac
- Overlake-Kirkland-Kenmore
- Harrison Street

## Spot Improvements

- 5 projects in 3 cities finished in 2019
- 18 projects in 6 cities underway (planning)



# Transit Hubs and Access

## Transit Hubs

- Montlake Hub nearing completion (2020)
- Developing program for system-wide hubs and transit centers

## Transit Access

- Eastgate Mobility Hub
  - Planning to start Q3
- Bicycle Parking
  - Multiple locations in design/permitting
- Safe Routes to Transit
  - 2 projects nearly complete (Redmond, Federal Way)
  - 2 projects under construction (Seattle, Skyway)

# Operational Capacity Growth

- **Expand base capacity 40% by 2040**  
(From 1,525 to 2,145 buses)
- **Support conversion to 100% zero emissions fleet**
- **Focus Areas for Growth & Expansion**
  - Central Campus (Seattle): Reconfigure & Expand
  - South Campus (Tukwila): Interim base, new South Annex
  - New Base (South King County): New permanent base



# Operational Capacity - Interim Base



- 125 bus base to support near-term growth
- Update parking garage for employees
- Demolition complete
- Construction begins later in 2019
- Ready for operations Fall 2020
- Electric charging will follow later

# Zero Emissions - Eastgate

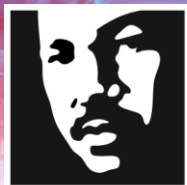


- 3<sup>rd</sup> charger installed 2019
- Allows opportunity charging
- Additional battery buses for routes 226 and 241



# State of Good Repair

- Significant portion of 6 year CIP (\$300m)
- Ensure Metro's Assets are maintained:
  - Site and Paving: Paving & lighting at Metro Facilities & P&Rs, fueling tanks and systems
  - Equipment: Furniture, radio equipment, shelters
  - Building Envelope: Roofs, doors, windows
  - Building Systems: HVAC, bus wash, fire alarms
  - Infrastructure
- 19/20 includes a more comprehensive approach



# King County **METRO**