Introductions

- Name
- Organization
- Title
- How did you get to today’s event?

How to Join our Poll

- Open a browser on any laptop, tablet, or smart phone
- Go to slido.com
- Enter the event code #N583
Central Puget Sound Transit Ridership

- In 2017, **boardings growth was highest in nation**
- 19% increase in transit boardings since 2010 (higher than similar regions in US)
- **8th** for total transit boardings
Transit Share of Daily Commute Trips – Small Share, Big Opportunity

Countywide Commute Mode Share

- Drive Alone: 64%
- Carpool: 9%
- Bike, motorcycle, other: 3%
- Transit: 13%
- Walk: 5%
- Telecommute: 6%

Drive-Alone Commute Share

- 2010: 65.7%
- 2012: 65.4%
- 2014: 64.7%
- 2016: 63.6%

- Downtown Seattle: 35.2% to 29.7%

County vs. Downtown Seattle commute share trends.
Metro at a glance

SERVICE AREA
2,134 sq miles

POPULATION
2.2 million

EMPLOYMENT
1.4 million

RIDERSHIP in MILLIONS

FIXED-ROUTE 122

VANPOOL 3.6

ACCESS 1.3

ACTIVE BUS FLEET 1,552
excluding ST

BUS STOPS 8,000+

PARK-AND-RIDES 136 lots

P&R SPOTS 26,253 with ST
Constraints

- Operational growth capacity
- Funding
- Policy & regulatory constraints
- Workforce (operator shortage)
Period of Maximum Constraint

SOLUTION IMPLEMENTATION

PERIOD OF MAXIMUM CONSTRAINT

- OCC Near-Term Action Plan
- 2nd Ave protected bike lane (PBL) open
- 1st Ave utility relocations for Center City Connector (CCC)

- Center City Connector (CCC) construction (currently on hold)
- D2 Roadway closes
- Convention Center construction begins

- SR-99 Tunnel open*
- DSTT closes to buses
- Alaskan Way Viaduct demolition*
- Alaskan Way construction begins*
- SR520 Rest of the West project begins

- Center City Connector (CCC) may open (currently on hold)
- Alaskan Way open to buses*

- Convention Center open
- Northgate Link open
- North Portal streets open*

- Madison RapidRide open

- East Link, Lynnwood and Federal Way Link open
- Alaskan Way open to traffic*

King County METRO
Revolutions in Transportation (aka New Mobility)

- New operating models and technologies
- Providing on-demand transportation
- Without requiring private vehicle ownership
- Four broad categories – with a positive feedback loop
Shared Mobility

- Convenient, flexible, short-term access to shared use of vehicles as-needed
- Raid-hailing (Uber, Lyft), ridesharing (SPLT, Scoop), carsharing (Car2Go, ReachNow), Microtransit (Chariot, Via), bikesharing (Lime)
- Could shift rides from transit

Vehicle Automation

- Pilots exist worldwide (ex: Phoenix, Pittsburgh)
- Can improve safety, reduce labor costs, increase roadway capacity, and enable cheaper, more productive travel
- Could shift rides from transit
Why should transit agencies care?

Easter morning 1900: 5th Ave, New York City. Spot the automobile.

Easter morning 1913: 5th Ave, New York City. Spot the horse.

Source: US National Archives.

Source: George Grantham Bain Collection.
Two Futures: Marginalized Transit vs. Transit at the Center

Marginalized Transit:
• New mobility options decrease use of public transit
• Higher traffic, congestion, energy use
• Personal convenience at the cost of societal benefits
• Highly unequitable

Transit at the Center:
• Transit moves many over longer distances, busiest corridors
• New mobility delivers first/last mile, low-density, off-peak service
• Decreases congestion and energy use
• Lowers overall system costs
• More equitable
Metro’s Goal

As a mobility agency, Metro will:

• Develop a regional mobility ecosystem with transit at the center and complementary shared mobility services
• Provide near door-to-door, seamless, multi-modal mobility solutions
• Be safe, affordable, and equitable
• Lower number of vehicles, vehicle miles traveled, congestion, and energy use
STRATEGY IN ACTION
Continually evaluate and adjust Metro’s mix of services

Metro will evaluate and redesign mobility services by:

• Establishing and tracking performance indicators
• Leveraging big-data
• Utilizing network design software
• Developing new routes
• Identifying lowest ridership routes as candidates for replacement by new mobility solutions
Metro is currently working with partners on -

• RapidRide expansion
• Service restructures around Link Light Rail expansion
• Infrastructure improvements
• Other projects as needed
Deploy shared mobility solutions to complement transit

*Ex: On-Demand First/Last Mile Pilots (Ride2 Eastgate)*

- Solve for overcrowded park & rides and feed riders into fixed-route transit
- Customers request rides to transit hubs (w/in 2-3 miles) using app or call center
- Metro partners with private mobility providers for delivery of rides
- *Metro will also test new delivery models for deviated-fixed route, low density and off peak service, and paratransit.*
Metro will continue working on multimodal integration, in relation to:

• Multimodal trip planning and payment
• Mobility data sharing across modes and providers
• Mobility hubs for seamless transfers across multimodal journeys
Drive policy interventions to ensure a safe, equitable, integrated system

Metro will consider inventions in policy areas including:

- Integration with public transit
- Transforming public transit
- Shared mobility
- Land use & urban planning
- Car-based vehicle automation
Partner with labor to proactively transform Metro’s workforce

- Mobility transformation will influence jobs with transportation, related sectors
- Metro must plan for workforce development and partner with labor to ensure employees benefit from higher skill and higher wage opportunities created
PARTNERSHIPS
Together, we’ll achieve our vision

• **More, better choices**
  • Expanded fixed route transit network, integrated with new mobility options

• **Seamless customer experience**
  • Customers can plan, pay for, and transfer along multimodal journeys

• **Mobility improves quality of life, advances social equity, boosts economic prosperity, and reduces congestion in King County.**
QUESTIONS?