

METRO CONNECTS

DEVELOPMENT PROGRAM

Regional Transit Committee

November 15, 2017

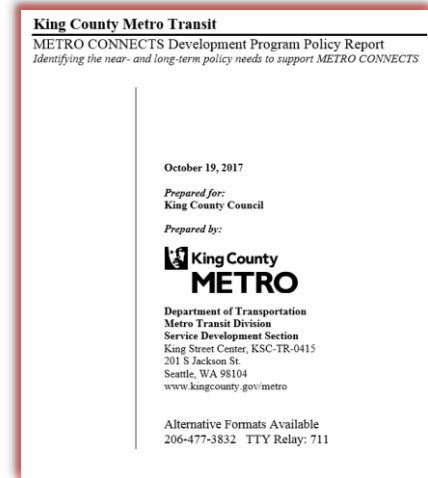
Main Themes from RTC Workshop

High level summary:

- Provide clarity on components of the Policy Report & areas with enough policy guidance
- Discuss innovation
- Provide more detail on content of the Regional Project Schedule
- Describe partnerships next steps

Policy report overview

Main Questions	Policy Report Response
How do we implement METRO CONNECTS?	Describes five service principles that guided formation of the Regional Project Schedule to implement METRO CONNECTS
Do we have the policy we need to effectively implement METRO CONNECTS?	Discusses 14 work areas in METRO CONNECTS and aligns with existing policy
	Determines 2 main policy needs to effectively implement METRO CONNECTS
How do address those policy needs?	Proposes plan to update Strategic Plan and Service Guidelines in 2018



Do we have the policy needed to effectively implement METRO CONNECTS?

- Defined METRO CONNECTS work areas:**
 Defined 14 work areas to develop METRO CONNECTS
- Assessed existing policy:** Assessed how existing policy supports each work area
- Identified policy needs:** Identified work areas where we can more effectively implement METRO CONNECTS with policy changes
- Next step:** Review policy assessment with the TAC

METRO CONNECTS Work Areas	Can implement vision with existing policy
Partnerships	
Service Network	
Speed and Reliability	✓
Accessible Transportation Options	✓
Access to Transit	✓
Innovation and Technology	✓
Passenger Facilities	✓
Regional Integration	✓
Operations and System Preservation	✓
Boardings and Fares	✓
Customer Communications	✓
Managing Demand	✓
Transit-Oriented Development	✓
Critical Service Supports: Fleet, Layover, Workforce	✓

How do we address those policy needs?

Objectives and Timing	2017	2018				2019				2020			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Discuss how Metro can work better with cities with MCDP TAC	[Grey shaded]												
Review & discuss MCDP Policy Report with Council, RTC													
Discuss partnerships and collaboration with Metro with Council, RTC to inform discussion in 2019		[Grey shaded]											
King County budget development		[Grey shaded]											
Discuss service allocation principles with Council, RTC					[Grey shaded]								
Develop changes to Strategic Plan and Service Guidelines						[Grey shaded]							
Transmit recommended changes to Council, RTC													
RTC recommendation on Service Guidelines update <i>(anticipated)</i>													
King County Council adoption of Service Guidelines update <i>(anticipated)</i>													
King County 2021-2022 budget development													



Innovation in METRO CONNECTS

METRO CONNECTS calls for:

- Utilizing advancing technologies to develop creative solutions for customers (ex: smartphone apps)
- Investing in, incorporating and encouraging technological innovation
- Embracing technologies that increase operational efficiency
- Improving and changing mobility through innovation

Innovation: Assessing Opportunity

SHARED MOBILITY TECHNICAL REPORT



July, 2017

King County
METRO

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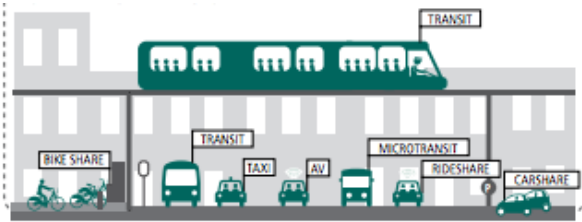
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1 KING COUNTY METRO SHARED MOBILITY TECHNICAL REPORT

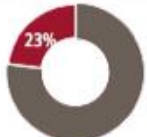
- Collaboration between Metro, SDOT, Sam Schwartz Consulting and the UC Berkeley Transportation Sustainability Research Center.
- Development of methodological foundations to analyze the potential impact of shared mobility and other trends in the sector.

Innovation: Key Findings

User: Improved options, reduced costs



SCENARIO 1
Ridesource



SCENARIO 2
Ridesource and ridesplit

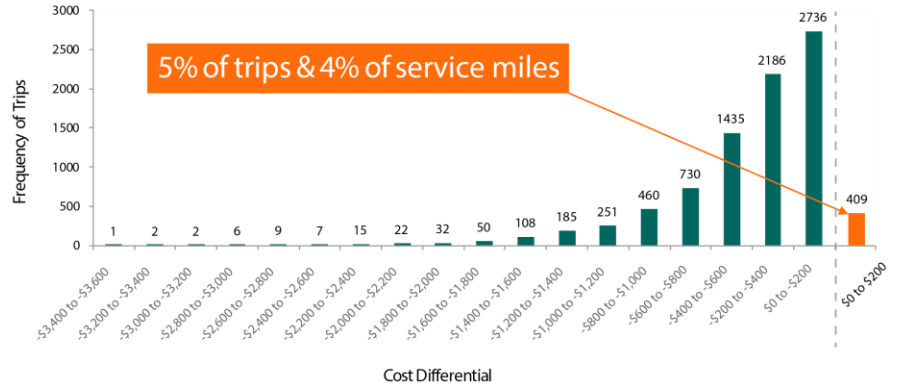


SCENARIO 3
Transit, ridesource,
and ridesplit



SCENARIO 4
Transit, ridesource,
ridesplit and car share

Agency: Improved services,
reduced costs



Innovative Mobility Action Agenda

To achieve Metro's goals in both the short- and the long-term, Metro will embrace innovation by pursuing the following strategies:

I

Shared mobility as a complement to Metro's services.

II

Mobility-as-a-Service.

III

Electric, connected, and automated vehicles.

IV

Integrated **data management platforms**

V

Efficient use of infrastructure

VI

Culture of innovation.

Innovation - Strategy I: Shared Mobility

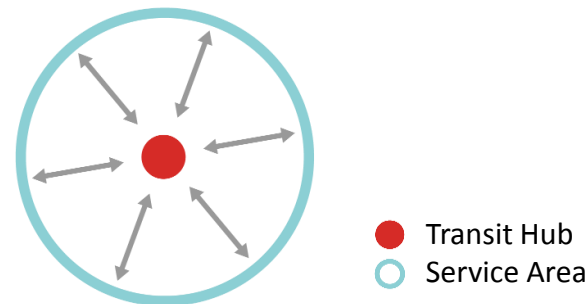
First/Last Mile Pilots – On Demand

Metro Park-and-Rides

- Northgate, Eastgate and South Renton

FTA MOD Sandbox

- partner with Sound Transit and LA Metro
- 3-4 locations – rail and bus



Open service within 2-3 mile radius service area

On demand, shared rides

Standard rates, low income rates

Individual trip data sharing, data sharing platform

Integrated WAV solution, call center dispatch

Innovation - Strategy I: Shared Mobility

Private transit authorization

- **Background:**
State law awards Metro a local monopoly of public transportation services.
- **Approach:**
Formal process to authorize, monitor, and evaluate privately operated public transportation services, while retaining the overall management of public transportation.
- **Timeline:**
Intake process open in Q4 2017
Service launch in Q1 2018

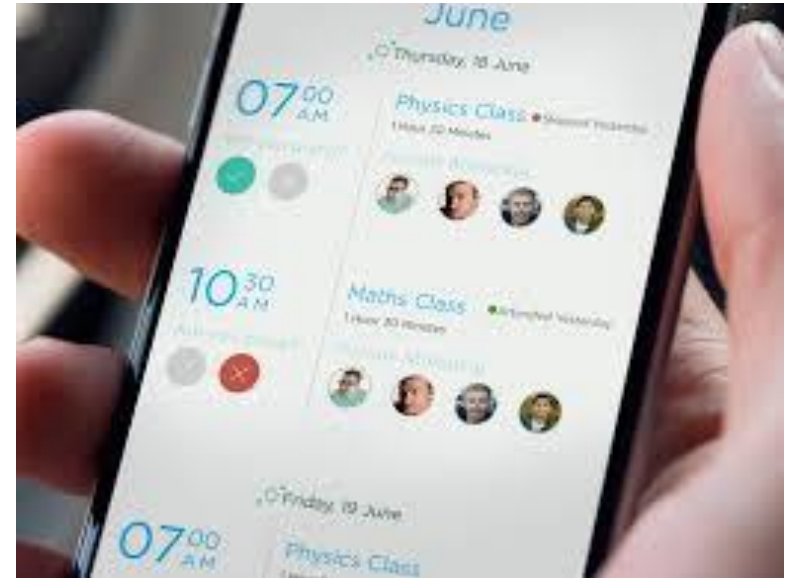


Innovation - Strategy II: Mobility as a Service

Carpooling Incentive Fund

Market Based Carpooling

- Private sector, app-based
- Incentives provided to end user
- Shared marketing



Innovation - Strategy V: Infrastructure efficiency

Carshare stalls at park and ride

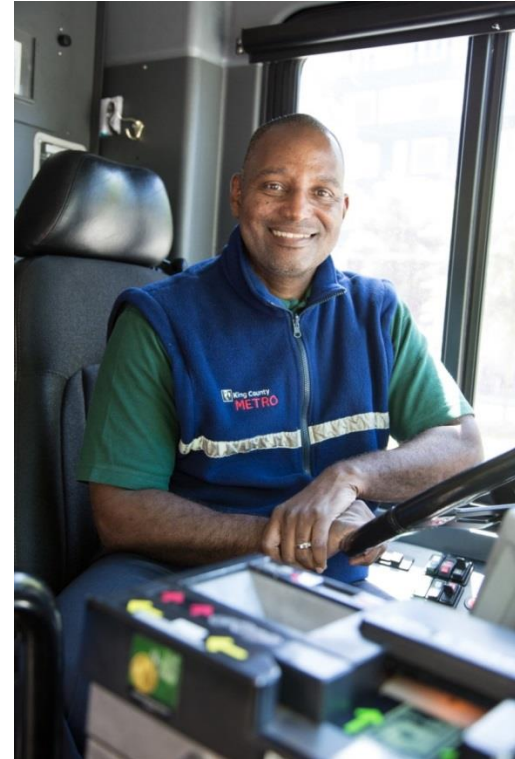
Northgate P&R Pilot

- Goal is to increase productivity of parking stall.
- Reserved car share spaces for carshare providers.
- Partnership with Reach Now and Car2Go



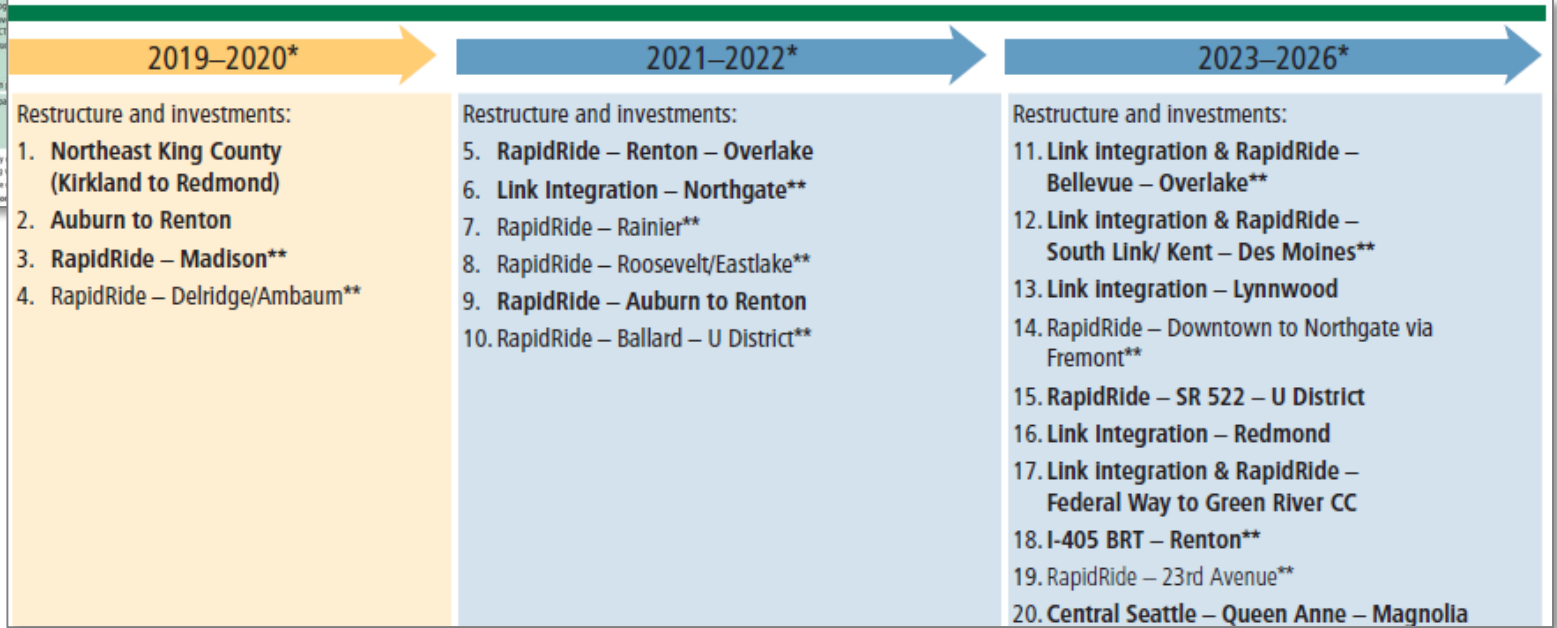
Innovation - Strategy VI: Building Culture

- **From service provider to mobility management**
 - Growing role for partnerships and coordination with private sector operators
 - Open to innovation and collaboration
- **Regulatory changes that reduce barriers to innovation**
- **Internal considerations**
 - Higher risk tolerance
 - Organizational changes and resource allocation
 - Labor discussions
 - Workforce development



Regional Project Schedule: Added Detail

	2017-2018 (funded)	2019-2020*	2021-2022*	2023-2026*
SYSTEM INVESTMENTS				
Operational needs and funded commitments	100,000 hours	Hours are based on annual need	Hours are based on annual need	Hours are based on annual need
Service quality Investments to reduce crowding (Service Guidelines Priority 1) and improve reliability (Service Guidelines Priority 2).	27,600 hours to reduce crowding 26,200 hours to improve reliability	1% of system size annually (estimate)	1% of system size annually (estimate)	1% of system size annually (estimate)
System restructure to deliver METRO CONNECTS network	Planning for future restructures and investments	Restructure and investments: 1. Northeast King County (Kirkland to Redmond) 2. Auburn to Renton 3. RapidRide – Madison** 4. RapidRide – Delridge/Ambaum**	Restructure and investments: 5. RapidRide – Renton – Overlake 6. Link Integration – Northgate** 7. RapidRide – Rainier** 8. RapidRide – Roosevelt/Eastlake** 9. RapidRide – Auburn to Renton 10. RapidRide – Ballard – U District**	Restructure and investments: 11. Link Integration & RapidRide – Bellevue – Overlake** 12. Link Integration & RapidRide – South Link/ Kent – Des Moines** 13. Link integration – Lynnwood 14. RapidRide – Downtown to Northgate via Fremont** 15. RapidRide – SR 522 – U District 16. Link Integration – Redmond 17. Link Integration & RapidRide – Federal Way to Green River CC 18. I-405 BRT – Renton** 19. RapidRide – 23rd Avenue** 20. Central Seattle – Queen Anne – Magnolia
Service growth Investments (Service Guidelines Priority 3)	108,400 hours to grow service on specific routes	Route based service investments		
Capital Investments to deliver METRO CONNECTS service	2 Frequent corridors 2 Express corridors RapidRide Expansion Program Speed & reliability improvements support METRO CONNECTS Transit access parking sites Parking management program development Sound Transit integration	2 RapidRide corridors 1 Frequent corridor	5 RapidRide corridors 8 Frequent corridors	6 RapidRide corridors 17 Frequent corridors
Major systemwide capital facilities projects	Atlantic/Central Base capital enhancements Eight base planning			



11/6/17

* Planning efforts are currently Continued program planning
** Denotes that the restructure Bold projects assume a major

Partnerships: What We Heard

Interests in:

- Definition of partnership
- Process for public-private partnerships, innovation, targets, and progress reporting
- How we:
 - Prioritize among partnerships
 - Balance countywide investment approach with individual city demands

Partnerships: Next Steps

Next Steps

- Metro undergoing internal process to define partnerships through reorganization
- Propose in-depth discussion in 2018
- Metro will continue to work with cities, as we do today in the meantime

Next Steps

- Discuss Policy Report and work plan
Jan - Feb 2018
- Discuss partnerships and service network policy needs with Council & RTC
Jan 2018 - Jun 2019
- Executive & Council Budget Development
Jun 2018 – Nov 2018
- Propose and adopt changes to Strategic Plan and Service Guidelines
Mar 2019 – Mar 2020