

# Mobility Challenges and Metro's Interventions during the Period of Maximum Constraint: 2018-2021



Regional Transit Committee  
October 17, 2018

# Period of Maximum Constraint

SOLUTION  
IMPLEMENTATION

PERIOD OF MAXIMUM CONSTRAINT

2017

2018

2019

2020

2021

2022

2023 - 2024

- 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\*

# Near-Term Challenges Snap Shot



## Significant regional construction examples



SR 99 Removal & Alaskan Way Construction



Convention Center Expansion



Downtown Seattle Transit Tunnel Closed to Buses



Unprecedented Growth Private Regional Construction



1st Ave Utility work (related to streetcar work now on hold)



Closure of D2 Roadway & East Link Rail Construction



WSDOT 520 Rest of the West



Construction and opening of Northgate Link



Action is underway



# Proactive Regional Mobility Solutions

## One Center City Near Term Action Plan

\$30 million investment by Metro, SDOT, and Sound Transit with key transit investments beginning in 2019

## Additional service improvements and capital projects

Investments by Metro and its partners to mitigate other construction-related impacts

## Regional Project Coordination Teams

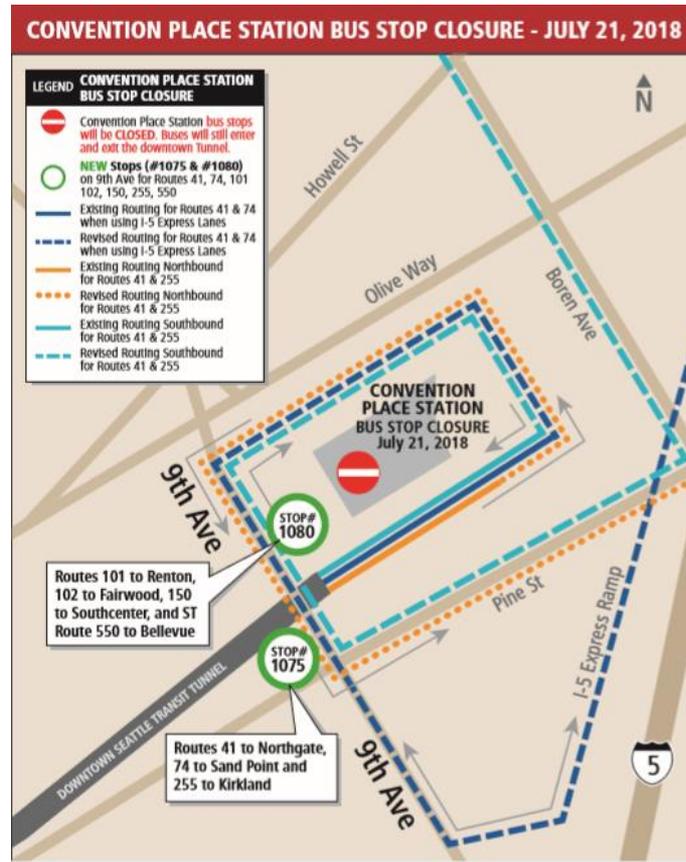
Maintenance of Mobility efforts to ensure coordination among major projects

## Integrated communications between partner agencies

Customer mobility tools, multi-media communications, inclusive outreach at all levels

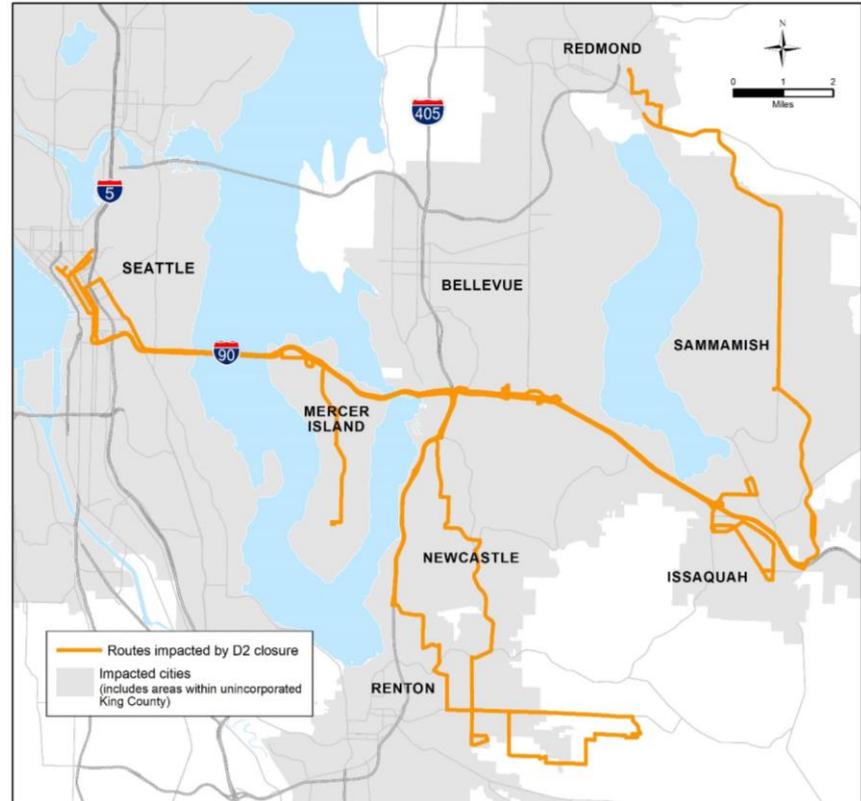
# 2018: Convention Center Construction

- **Effective Date:** July 2018
- **Areas Impacted:** Countywide
- **Routes Impacted:** Metro 41, 74, 101, 102, 150, 255, ST 550
- **Mitigation:**
  - 12,300 transit service hours
  - New on-street layover and stops, path for buses to enter/exit DSTT
- **Communications:** Alerts, posting at stops, rider alerts



# 2018: D2 Roadway Closure

- **Effective Date:** Fall 2018 Service Change (Sept. 25)
- **Areas Impacted:** Eastside, Seattle – Rainier Ave
- **Routes Impacted:** Metro 111, 114, 212, 214, 216, 217, 218, 219, 630; ST 550 and 554
- **Mitigation:** Some service will be redirected to another Rainier Ave stop
- **Communications:** Alerts, posting at stops, rider alerts, street teams



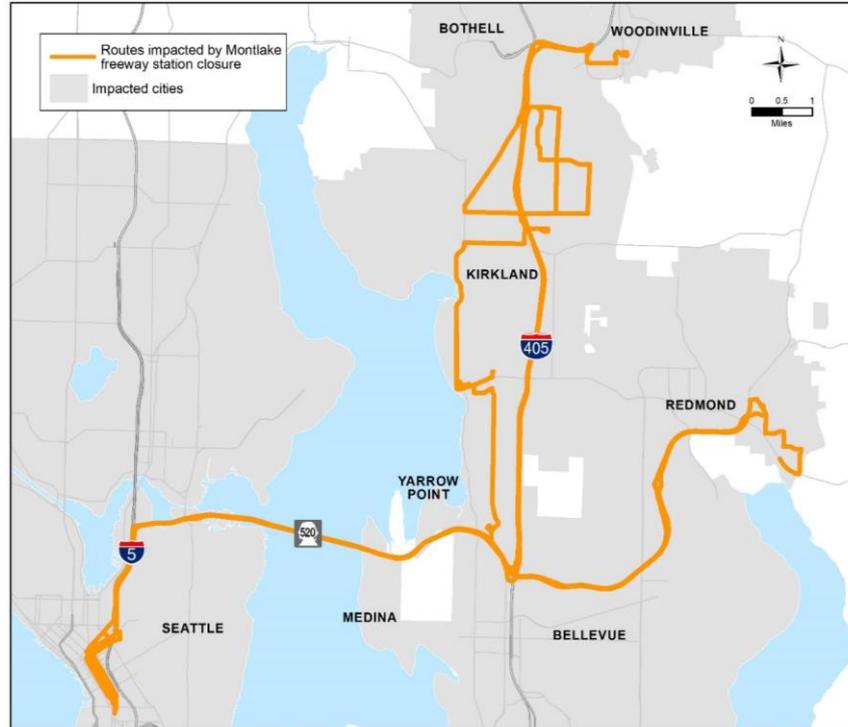
# 2019: Alaskan Way Viaduct Closure & Demolition

- **Effective Date:** January 11, 2019
- **Areas Impacted:** West Seattle, Burien, Normandy Park, Des Moines
- **Routes Impacted:** 21X, 37, 55, 56, 57, 113, 120, 121, 122, 123, 125, C Line
- **Mitigation:** Service re-routed to new pathways; added service hours to maintain service reliability and same number of trips
- **Communications:** Multi-lingual brochure, alerts, posting at stops, social media



# 2019: Montlake Freeway Station Closure

- **Effective Date:** March 23, 2019
- **Areas Impacted:** North Eastside, Seattle
- **Routes Impacted:** Metro 252, 255, 257, 268, 311, ST 545
- **Mitigation:** Expanded Route 542
- **Communications:** Joint effort with WSDOT & ST; Rider alerts on routes and at stops; street teams



# 2019: End of Joint Operations in DSTT

- **Effective Date:** March 23, 2019
- **Areas Impacted:** North Seattle, Eastside, SE King County
- **Routes Impacted:** Metro 41, 74, 101, 102, 150, 255; ST 550
- **Mitigation:** Reroutes to new surface pathways; added service hours to maintain service reliability and number of trips; capital improvements to pathways and bus stops
- **Communications:** Joint effort with SDOT and ST in advance of service change; Multiple efforts including rider alerts, street teams, social media, web presence



# End of Joint Operations DSTT - Routing and Pathway Overview

Bus Route	Proposed Surface Street Pathway
<b>Current Tunnel Routes</b>	
<b>41</b> (all-day)	3 <sup>rd</sup> Ave (SB and NB)
<b>74</b> (peak service only)	2 <sup>nd</sup> Ave (SB) - 5 <sup>th</sup> /6 <sup>th</sup> Ave (NB)
<b>101</b> (all-day)	2 <sup>nd</sup> Ave (SB) - 4 <sup>th</sup> Ave (NB)
<b>102</b> (peak service only)	2 <sup>nd</sup> Ave (SB) - 4 <sup>th</sup> Ave (NB)
<b>150</b> (all-day)	2 <sup>nd</sup> Ave (SB) - 4 <sup>th</sup> Ave (NB)
<b>255</b> (all-day)	5 <sup>th</sup> Ave (SB) - 5 <sup>th</sup> /6 <sup>th</sup> Ave (NB)
<b>550</b> (all-day)	2 <sup>nd</sup> Ave (SB) - 4 <sup>th</sup> Ave (NB)
<b>Other Routes with Proposed Revisions</b>	
<b>76, 77, 252, 257, 301, 308, 311, 316</b>	2 <sup>nd</sup> or 5 <sup>th</sup> Ave (SB) - 5 <sup>th</sup> /6 <sup>th</sup> Ave (NB)

# 2019: North Eastside Mobility Project

- **Effective Date:** September 2019
- **Areas Impacted\*:** Bothell, Kirkland, Kenmore, Woodinville, and Redmond
- **Routes Impacted\*:** Metro 234, 235, 236, 238, 243, 244, 245, 248, 249, 255, 277, 930, Community Van, Community Ride; ST 540
- **Related Projects:** UW hub and Montlake Triangle improvements
- **Communications:** Joint effort with ST; Multiple efforts including open houses, online survey, street teams, social media, web presence

*\*Impacts come only with the action alternative – there is still a no-action alternative that leaves the network virtually unchanged.*



# Summary of Metro's Investments

Service Improvements		Capital Improvements (with partners)
<b>Projects</b>	<b>Fall 2018 Mitigation Hours</b>	✓ \$30 million of joint investment for near-term improvements (\$10 million/partner)
D2 Road Closure	4,000 transit hours added	
AWV Interim Pathway	22,000 transit hours added	
Convention Center construction	12,300 transit hours added	
<b>Projects</b>	<b>Spring 2019 Mitigation Hours</b>	✓ Metro significant lead on UW Hubs improvements and Montlake Triangle
End of CPS interim access & end of joint DSTT operations	29,000 transit hours added	
Montlake Freeway Station closure	Contingency service plans & ST mitigation (TBD)	
AWV demolition & SR99 north portal construction	86,000+ transit hours planned 2018-2021 (includes 29,000 for end of joint DSTT operations)	✓ 3 <sup>rd</sup> Avenue, 5 <sup>th</sup> Avenue & 6 <sup>th</sup> Avenue transit pathway and capital supporting service improvements for speed and reliability; customer experience
✓ Proactive service revision work with East King stakeholders related to East Link and SR 520 construction		

# Next Steps and Customer Communication

## Metro will communicate all changes to riders via:

- Rider alerts
- Web, blog, social media, electronic notifications
- Stakeholder outreach/briefings
- Language LEP research and accommodations
- Pocket cards on buses
- Media outreach
- Street teaming

