



# NextGen Bus Plan Effectiveness Review

Operations, Safety, and Customer  
Experience Committee

November 17, 2022

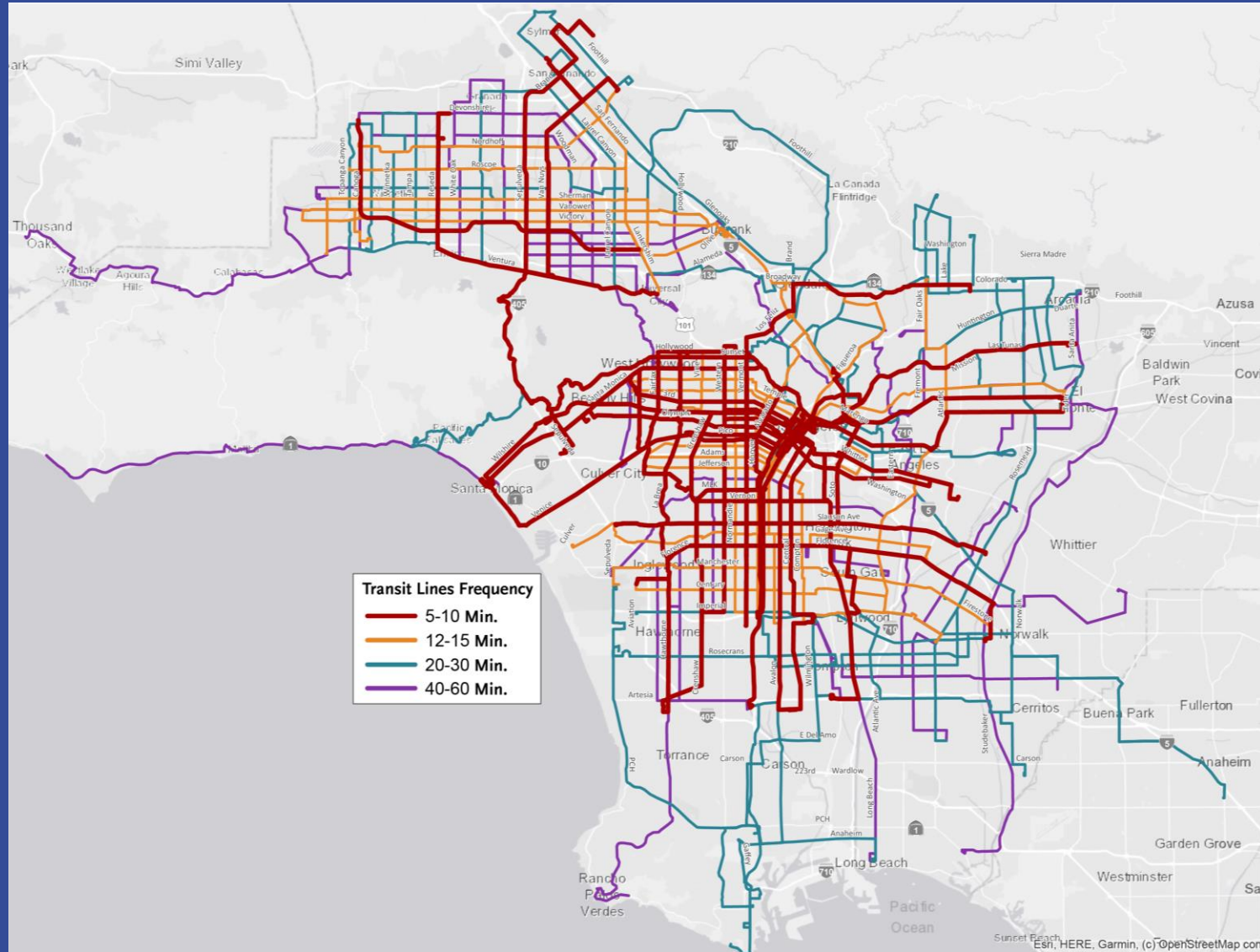


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# Background

- NextGen Bus Plan set out to create a fast frequency reliable network capable of competing successfully to increase ridership.
- By December 2021, phased roll out of many NextGen route changes and frequency improvements was completed.
- This effectiveness review analyzed how trips (all trips and transit trips) made in 2019 would be completed using the NextGen Bus Plan network as implemented in December 2021.

# NextGen Frequent Network



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# Key Findings - Access

- Through the NextGen Bus Plan, 2.2 million more people (+716%) have convenient 0.25 mile access to 10 minute or better service midday weekdays. 1.3 million of these reside in EFCs.
- Peak period weekday access to 10 minute or better service also increased by 900,000 people (+55%). 500,000 of these in EFCs.
- Over 1.1 million more jobs (+350%) were also accessible through 10 minute or better midday service under the NextGen Bus Plan, with gains of over 350,000 jobs (+33%) in peak periods.
- Access to key destinations such as grocery stores, educational colleges, parks, medical centers increased, especially midday.



# Key Findings - Competitiveness

- NextGen Bus Study identified trips with transit travel time less than 2.5 times private auto travel time being able to generate a much higher transit mode share (5-6% vs 2%).
- This equates to over 580,000 extra trips (+2.4%) that were transit competitive using the NextGen Bus Plan, with 240,000 of these trips being for residents of EFCs.
- As intended, data shows higher usage of the NextGen Bus Plan frequent network (60.6% of trips use the 10 minute or better service, 82.8% of trips use the 15-minute or better service).



# Key Findings – Travel Times

- With NextGen, over 500,000 more overall trips (+13%) have short (30 minute or less) travel times compared to pre-NextGen service.
- 27,000 more transit trips (+20%) see 30 minutes or less travel times.
- These results show NextGen can compete well for shorter distance trips that were a potential growth market for transit.

# Next Steps

- Staff will return in early 2023 to report on actual ridership trends for the NextGen Bus Plan.
- This reporting will continue through 2023 to help show how the NextGen Bus Plan is supporting ridership recovery.

Thank  
You!