



# **NEXTGEN** **Bus Plan**

**Speed & Reliability  
Program Update**

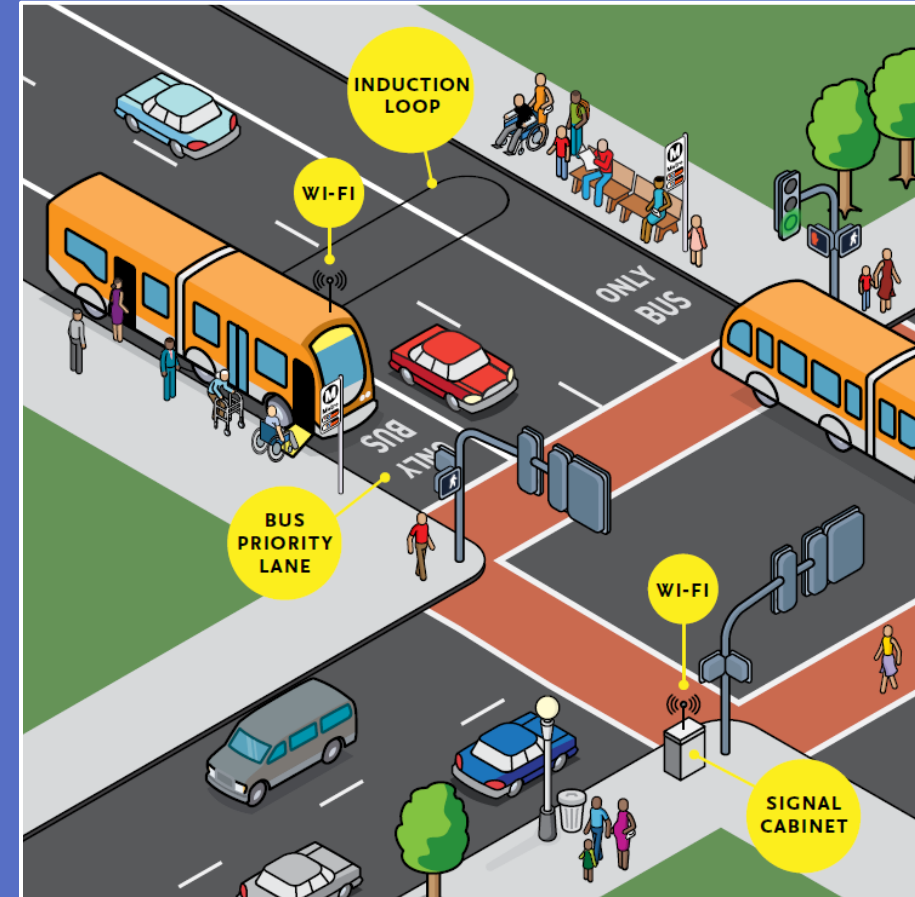


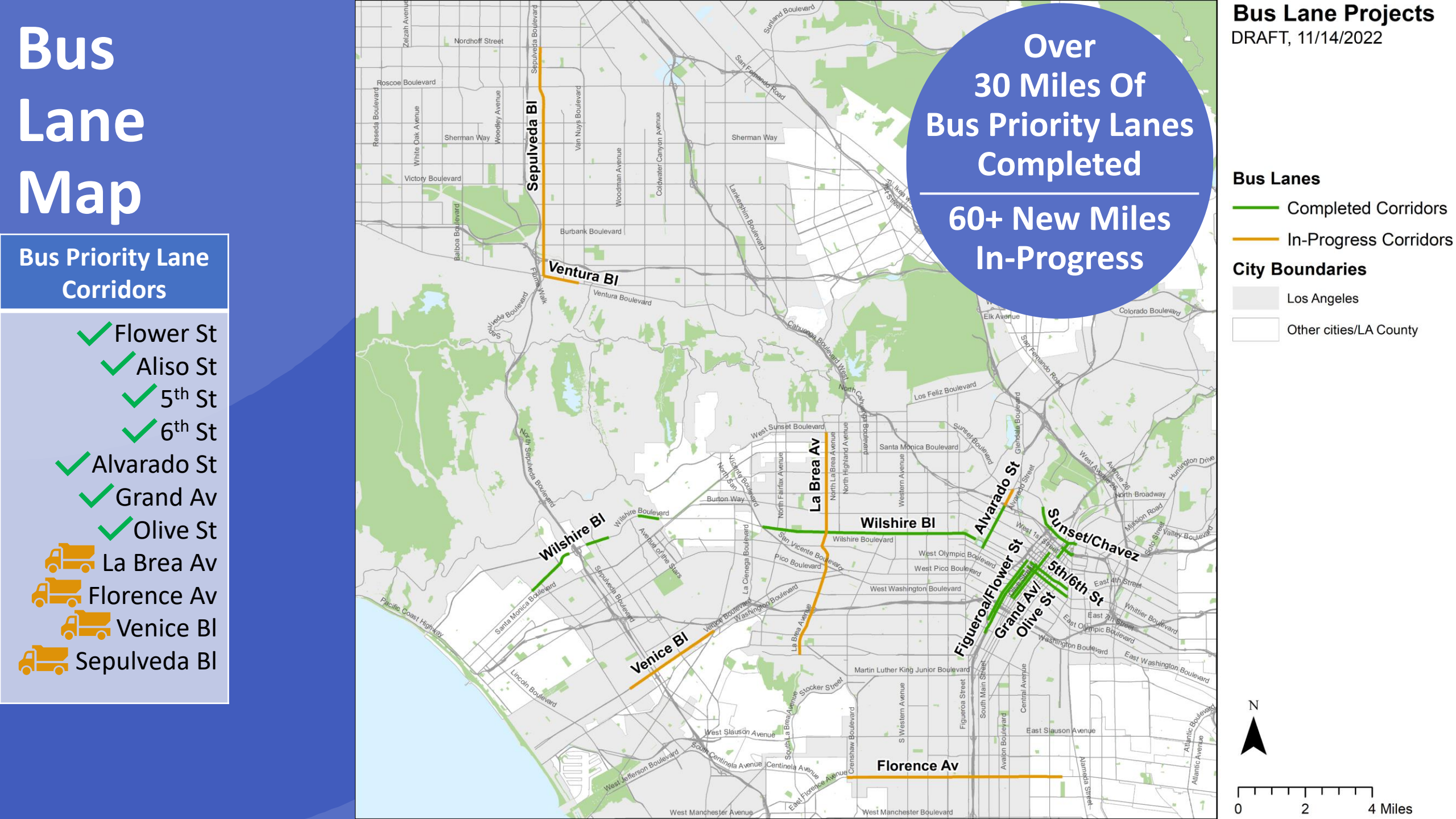
**Metro**<sup>®</sup>

**APRIL 2023**

# Speed & Reliability (S&R) Background

- NextGen Bus Plan improves transit competitiveness through faster, more frequent and more reliable bus service
- Pursuant to Motions 38.1 (July 2018) and 22.1 (July 2019), a Bus Speed & Reliability tactical transit infrastructure program was established to accelerate collaborative solutions for bus delays
  - 100+ Miles of Bus Priority Lanes
  - 1,600+ Intersections with Transit Signal Priority
  - All Door Boarding to Reduce Dwell Times
  - Tactical Treatments & Studies (Bus & Rail)
  - Bus Stop & Layover Improvements
- Force multiplier that improves customer experience (CX) and operator conditions, with operational savings reinvested into better service







# Bus Priority Lanes Update

## Alvarado St (Line 2)

Surveyed over 200 bus riders after project completion

- 8 in 10 riders agreed bus lanes have made their trip faster and more reliable
- 9 in 10 riders reported cars routinely blocking bus lanes
- Based on this feedback, Metro is partnering with LADOT to conduct targeted parking enforcement along this corridor

## La Brea Av (Line 212)

- **Phase 1** (La Brea/Sunset to La Brea/Olympic) working with City of LA and WeHo to secure construction permits to begin implementation; will provide a community update pending approval from both cities

**Venice Bl (Line 33)**: Construction is underway but has experienced significant weather delays, anticipated completion in Spring 2023

## Sepulveda Bl (Line 234) in SFV

Conducted bus rider survey in Fall 2022

- 6 in 10 riders experience bus delays attributed to traffic congestion
- Nearly 9 in 10 riders would use the bus more if bus reliability improved

Partnering with LADOT and StreetsLA

- Street paving this spring // Bus Lanes this summer

## Florence Av (Line 111)

- Metro heard widespread concerns about pavement quality; partnering with StreetsLA to first coordinate street repaving in key segments, then complete bus lane design and implementation




# Camera Bus Lane Enforcement (CBLE)

- With AB 917 adoption, plan to implement forward-facing cameras angled to obtain evidence of parking violations through 2026
- Equitable program to improve bus rider experience and reduce in-person confrontations between enforcement officers and violators
- Issued Request for Proposals (RFP); staff would return to Board with recommendation for contract award in Summer 2023
- Metro to submit evidence packages to local jurisdiction (LADOT), which would process citations

Location: 1002 - Room 720 Deployment: 1002-202112140720 Red Time: 0:00 Amber Time: 0:00 Phase #: 0 Speed: 0 Weather: Dry/Clear Violation Date/Time: 12/14/2021 07:20:25 AM (08:00) Event ID: 1000762 Vehicle Code: 21450

Equipment Type: None Lane #: 0 Section #: Bus lane violation LPR License Plate: 6TFR889 Violation Location: Wilshire / Vermont, Los Angeles, CA 90005, USA LPR Confidence Level: 81.71

Plate: 

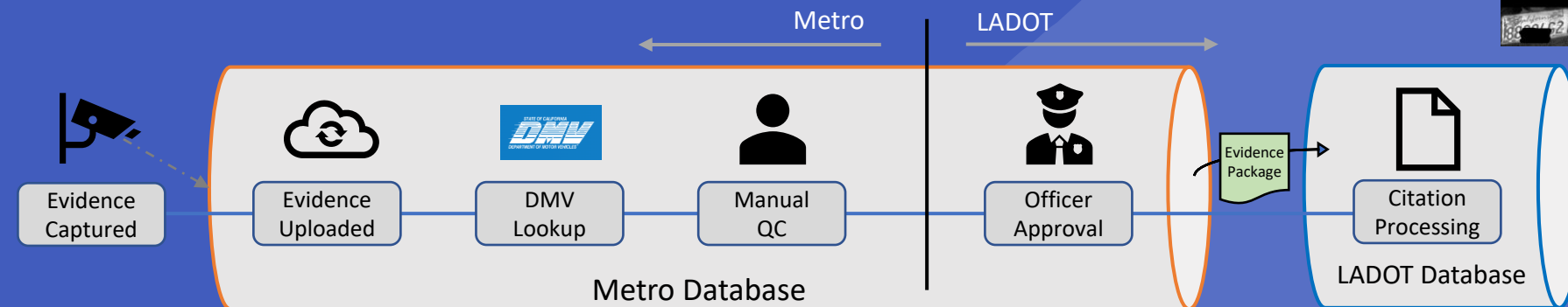
Workflow: Plate Number: 6TFR889 Plate State: California Action Category: Accept - Accept - Address Update

Vehicle Information: Plate Number: [REDACTED] Plate State: California Vehicle Make: Vehicle Year: Vehicle Model: Vehicle Style: Vehicle Color: VIN:

Registered Owner Information: DL: DL State: Full Name: Date Of Birth: Gender: License Class: Eye Color: Hair Color: Height: Weight: Address Line 1: Address Line 2: Address Line 3: City: State Province: Zip Code:

VR History Log

Enforcement Vehicle ID: 8765  
Date: 11/22/2021 1:36:56.222 PM  
Location: 6th / Broadway, Los Angeles, CA 90014, USA  
Sequence: 1 of 1



# Transit Signal Priority & All Door Boarding

- Metro A Line (Blue): Copper theft of LADOT's traffic signal system had disrupted rail service; team worked closely with LADOT on quick fixes to reduce red light delay by over 20% and improve travel time by 15%
- LADOT Cloud-Based Transit Signal Priority (TSP): Project Kickoff
  - New system will upgrade over 1,600 intersections with a modern, real-time system that will reduce red light delay for NextGen Tier 1 bus lines throughout City of LA
- All Door Boarding (ADB): In-Progress
  - Communications support equipment 50% completed
  - ADB expansion will be piloted on two different bus lines in Fall 2023, with further details to follow

