

# Metro 2028 Games Mobility Concept Plan



September, 2024



**Metro**

47 months until the 2028  
Opening Ceremonies



# 2028 Games by the Numbers

**10-15M**

Tickets to be sold

**700+**

Ticketed Events

**3M+**

Unique Attendees

**80+**

Competition & Non-competition Venues

**65K**

Volunteers & Employees

**1.2M**

Peak Day Spectator Trips

**60**

Days of Games Operation

**50K**

Key Constituents (Athletes, Officials, Media, etc.)

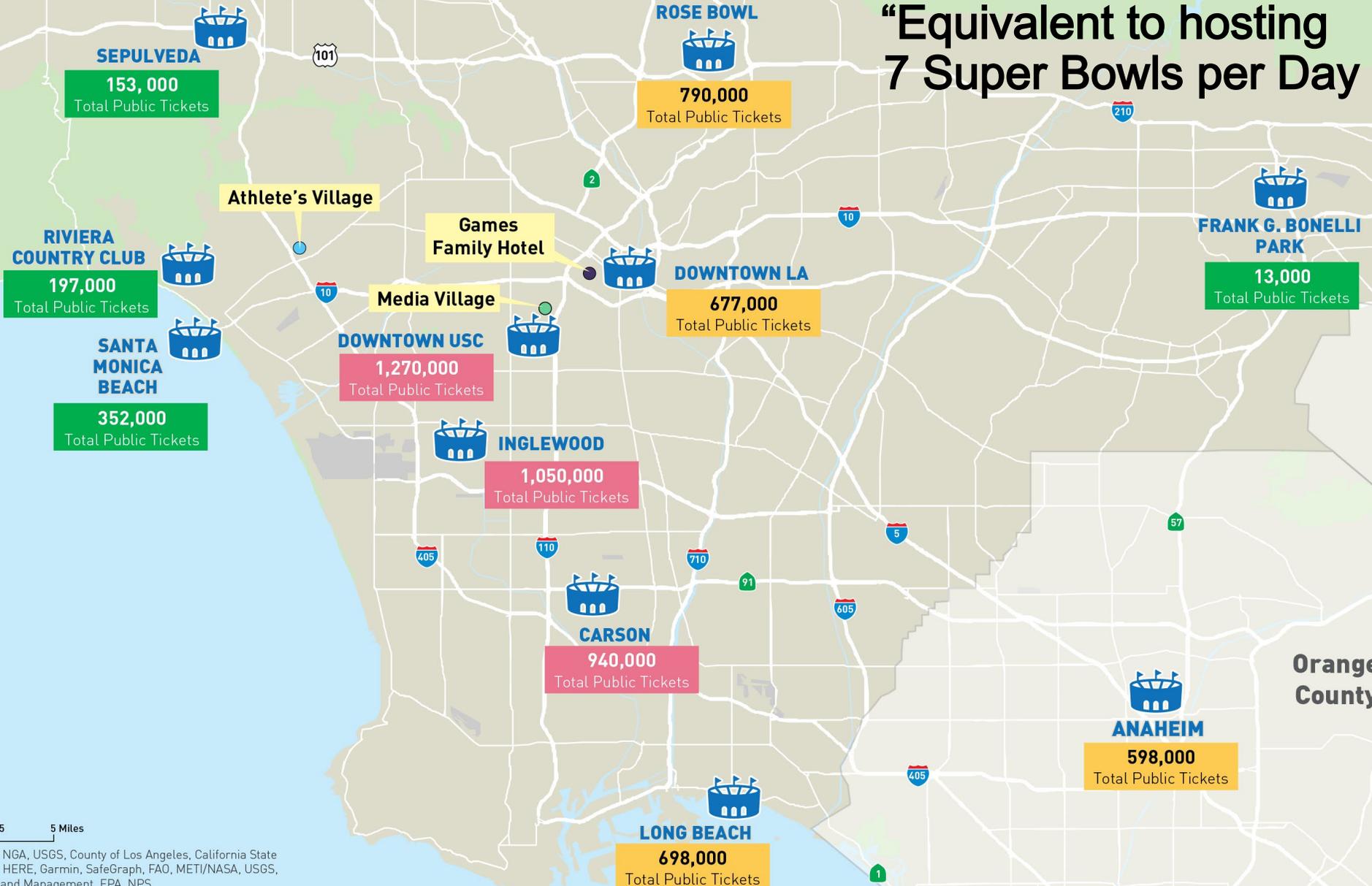


# 2028 Games Venue Clusters – Anticipated Tickets

Los Angeles County

Ventura County

“Equivalent to hosting 7 Super Bowls per Day”



- Competition Venue
- Athletes Village
- Games Family Hotel
- Media Village

0 2.5 5 Miles

Esri, NASA, NGA, USGS, County of Los Angeles, California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

# Games Mobility Executives



## DELIVERY PARTNERS



### Games Mobility Executives [GME]

- ✓ Mobility sponsor(s)
- ✓ Fleet and bus provider

- ✓ Transit operators
- ✓ Host City
- ✓ Traffic management centers
- ✓ Enforcement agencies



## KEY DELIVERY ROLES

- ✓ Overall Games Transportation Program
- ✓ Bid transportation commitments
- ✓ Closed transportation systems
- ✓ Venue operations

- ✓ Open transportation systems
- ✓ GRN delivery and management
- ✓ Regional/local traffic operations
- ✓ Games Mobility Hubs
- ✓ TDM planning and communications

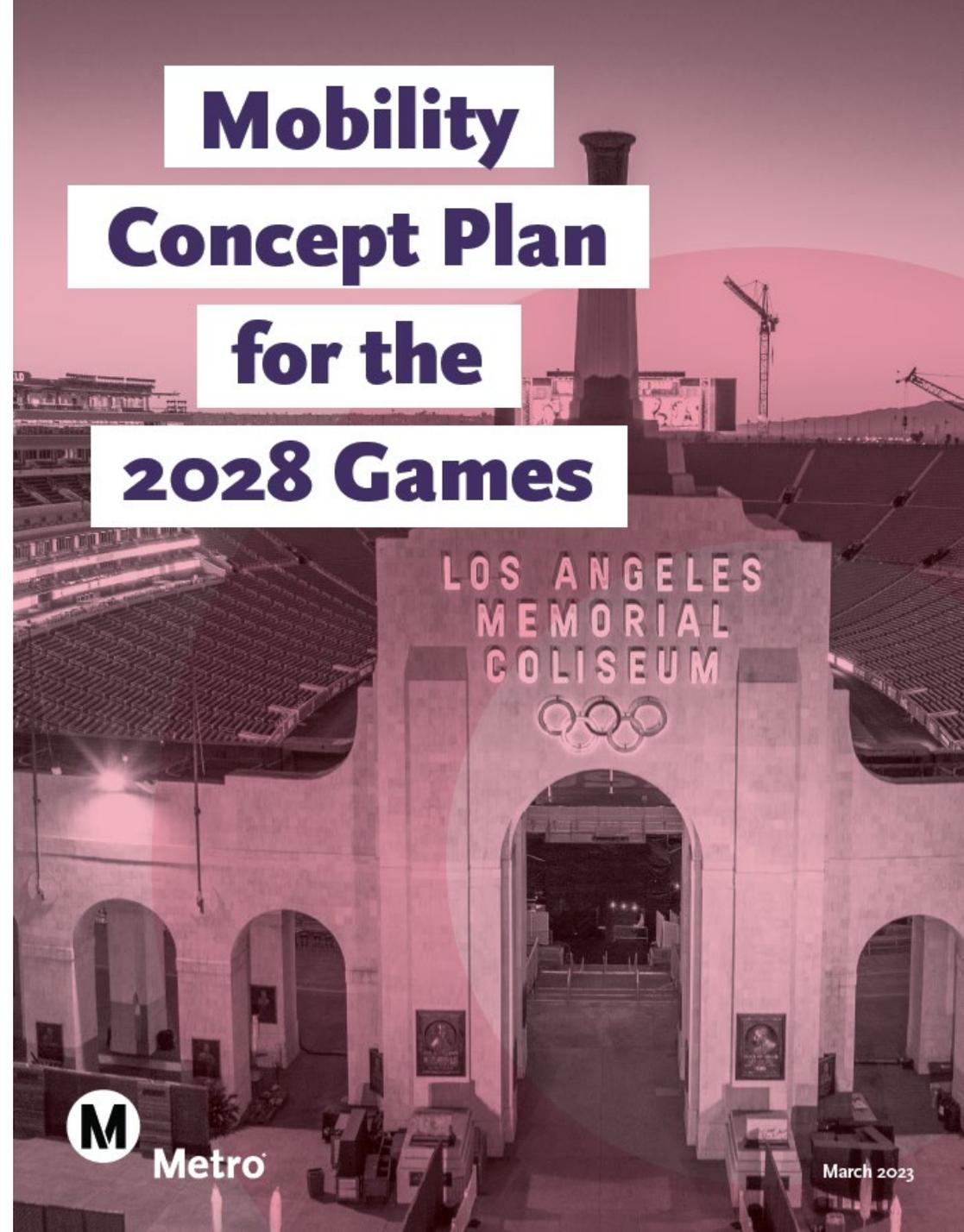
# Games Transport Objectives

- Safe, fast, reliable transport for Athletes and other member of Games Family
- Safe, efficient, accessible transport for Spectators and Workforce
- A “Car-Free, TransitFirst” Games—no spectator parking at venues
- Keep LA moving for BAU— Business As (Un)usual
- Maximize legacy benefits of the Games



# Metro 2028 MCP Overview

## Mobility Concept Plan for the 2028 Games



Metro

March 2023

# MCP Priority Projects (1/2)

Games Route Network



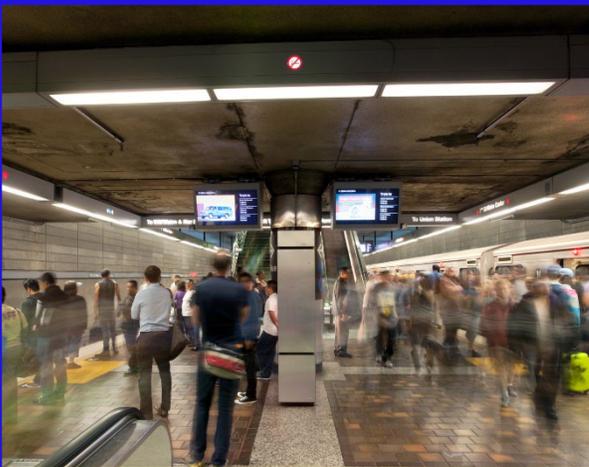
Games Enhanced Transit Sys



Mobility Hubs



Countywide Bus Only Lanes



Key Station Improvements



LRT Speed Improvements



Transit to Venue FLM



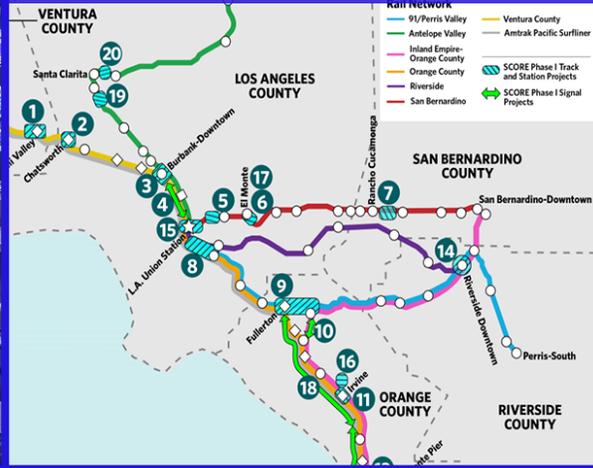
Payment & CX

# MCP Priority Projects (2/2)

## ATSAC/LARTMC Integration



## Metrolink SCORE Phase 1



## Regional TDM



## Open Streets



ZEB Program Phase 1



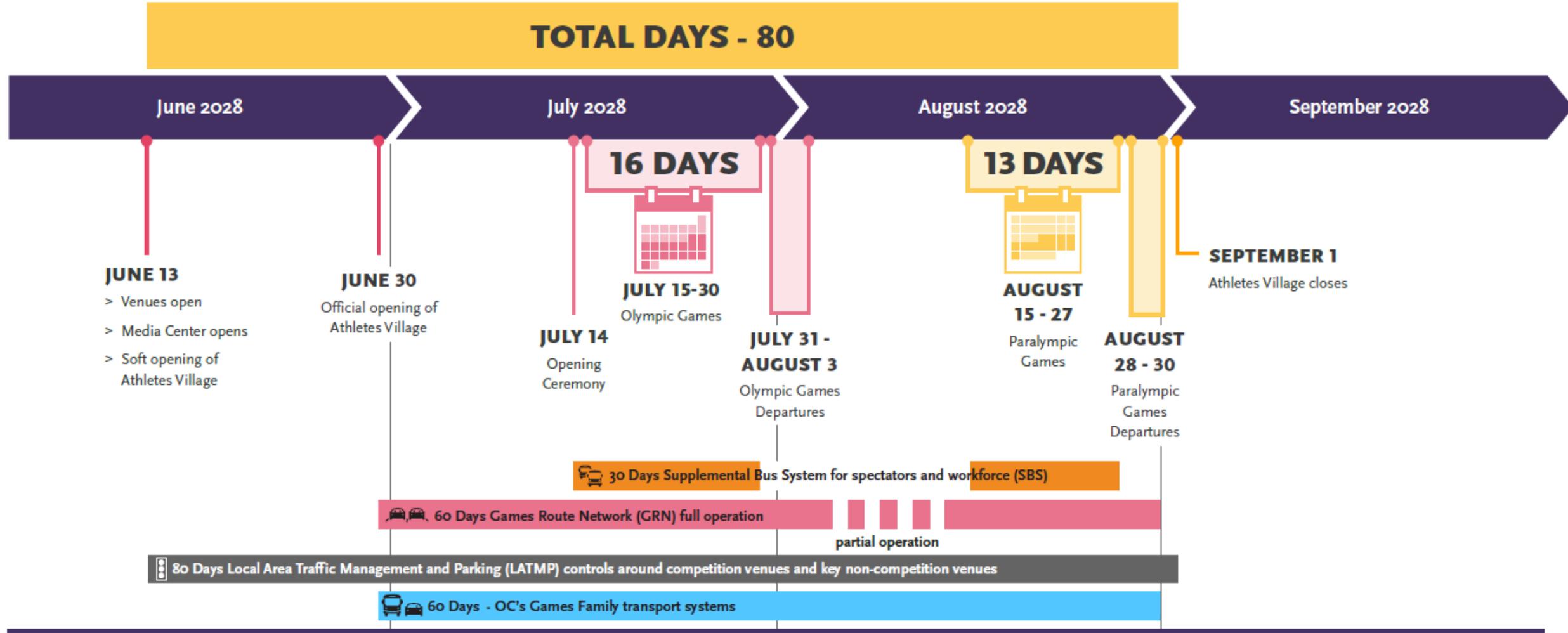
ACCESS Services



Universal Basic Mobility

# Days of Games Transport Operations

Preliminary



# Games Enhanced Transit System



# GETS Infrastructure Requirements

Infrastructure Requirements	Description	Assumed #
	<p><b>GETS Park&amp;-Ride sites</b></p>	<p>25</p>
	<p><b>Venue Bus Malls</b></p>	<p>13</p>
	<p><b>GETS Bus Depots</b></p>	<p>15</p>
	<p><b>Bus Staging Areas</b></p>	<p>13</p>
	<p><b>Bus Operations Center</b></p>	<p>1</p>

## RIDERSHIP



Average weekday  
Metro bus ridership  
(March 2024)

**0.8M**



Peak Day Person  
Trips during the  
2028 Games

**1.2M**

## BUS FLEET & RESOURCES



Anticipated # of SBS  
buses required

**2.7K**



Anticipated SBS  
drivers/mechanics  
needed

**6K+**

# GETS Resource Needs



100% commitment to zero and near zero emissions



Establish a Metro contingency fleet made up of donated CNG buses and current Metro's CNG fleet being replaced with ZEB



School District buses



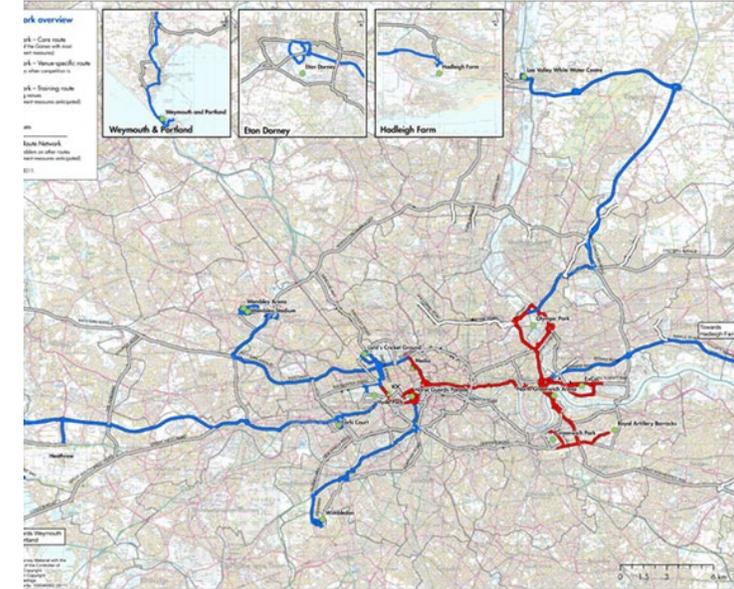
College and University fleets

# Games Route Network

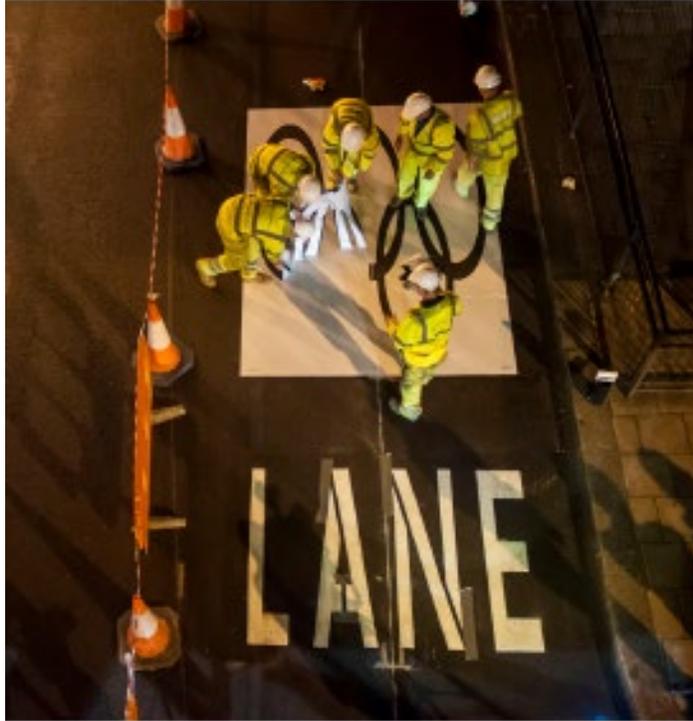


# What is a Games Route Network (GRN)?

- A network of existing roads connecting competition and key non-competition venues
- Involves a wide range of traffic management measures including:
  - Priority Games Lanes where needed (**NOT necessarily everywhere**)
  - Traffic signal infrastructure improvements
  - Temporary road re-engineering
  - Curbside controls (parking and loading restrictions)
  - Reduction in crossing points
  - Ban on roadworks
  - Signage and striping
  - Additional monitoring and surveillance
  - Strict enforcement
  - Swift vehicle removal
  - Real-time network management



# Potential GRN Treatments - Games Lanes



London 2012 Games



Glasgow 2014  
Commonwealth  
Games



Rio 2016 Games

# Legacy Projects



# Bus Priority Improvements

Prioritize bus transit and provide fast and reliable bus speeds along corridors that align with Metro's NextGen Tier 1 Network, Metro's BRT Vision + Principles corridors, and the 2028 Games Route Network



# Bus Priority Improvements: What we're planning

- **Bus Only Lanes**
  - Converts curbside lane in each direction into a bus priority and right turn only lane. Can be 24/7 or peak period
- **Bus Corridor Enhancements**
  - Transit signal priority, bus bulbs, enhanced bus shelters, all-door boarding, bus pads, lighting, etc.
- **Priority Corridors**
  - Broadway
  - Olympic Blvd
  - Venice Blvd
  - Valley Blvd/ Atlantic Blvd/ Garvey Ave (SGVCOG Transit Study)
  - Florence Blvd/ Studebaker Rd/ Imperial Hwy
  - Extension of DTLA corridors (Figueroa, Alvarado, Cesar Chavez)
  - Inglewood corridors
  - Harbor Blvd (OCTA)



# First/Last Mile

Improve access and safety, create pathway connections, and make it easier to travel between transit stations/stops and venues for riders who walk, bike, or roll



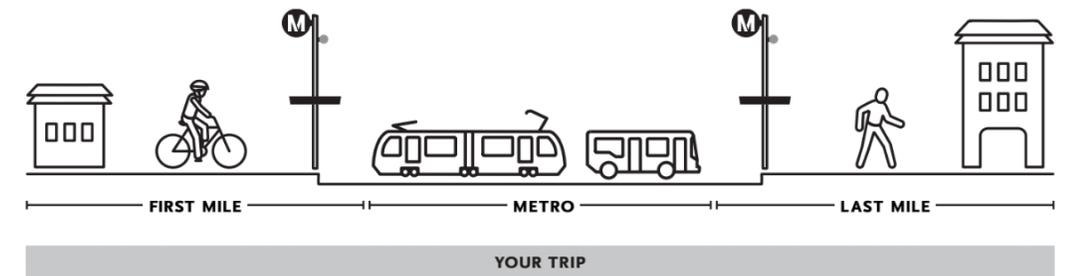
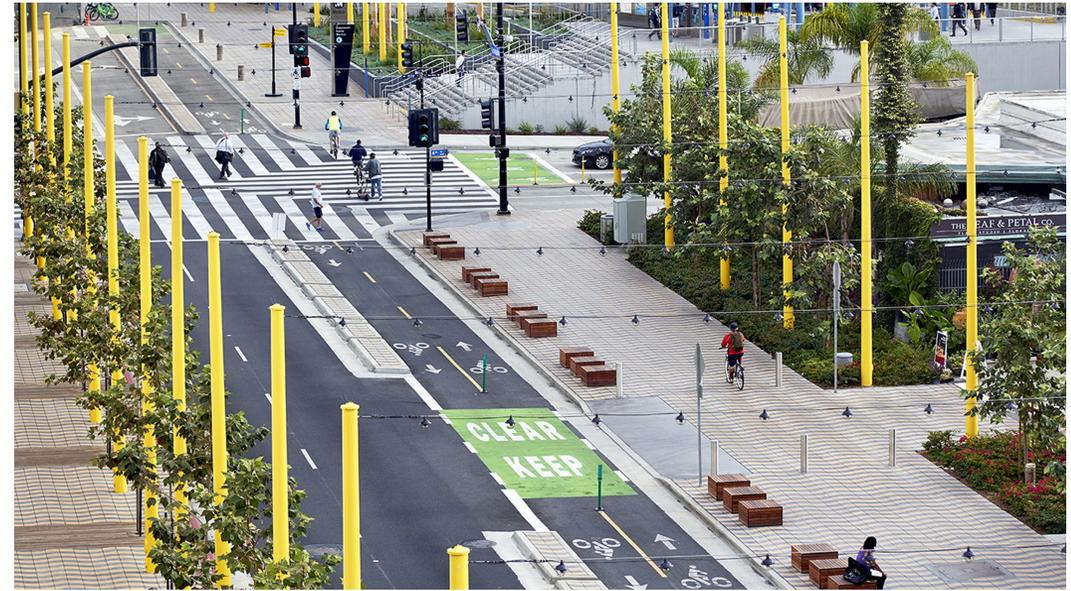
# First/Last Mile: What we're planning

## ■ Types of FLM Improvements

- Traffic calming, street trees and landscaping
- New or improved sidewalks and crosswalks, curb extensions
- Bike lanes, bike parking, and bike share stations
- Signal timing for pedestrians and bicyclists
- Wayfinding signage to key destinations and transit connections

## ■ Priority Locations

- Downtown LA
- Sepulveda Basin
- Carson
- Norwalk
- Long Beach
- Santa Monica
- Pasadena
- Pomona
- La Verne
- San Dimas



# LRT Operational Improvements

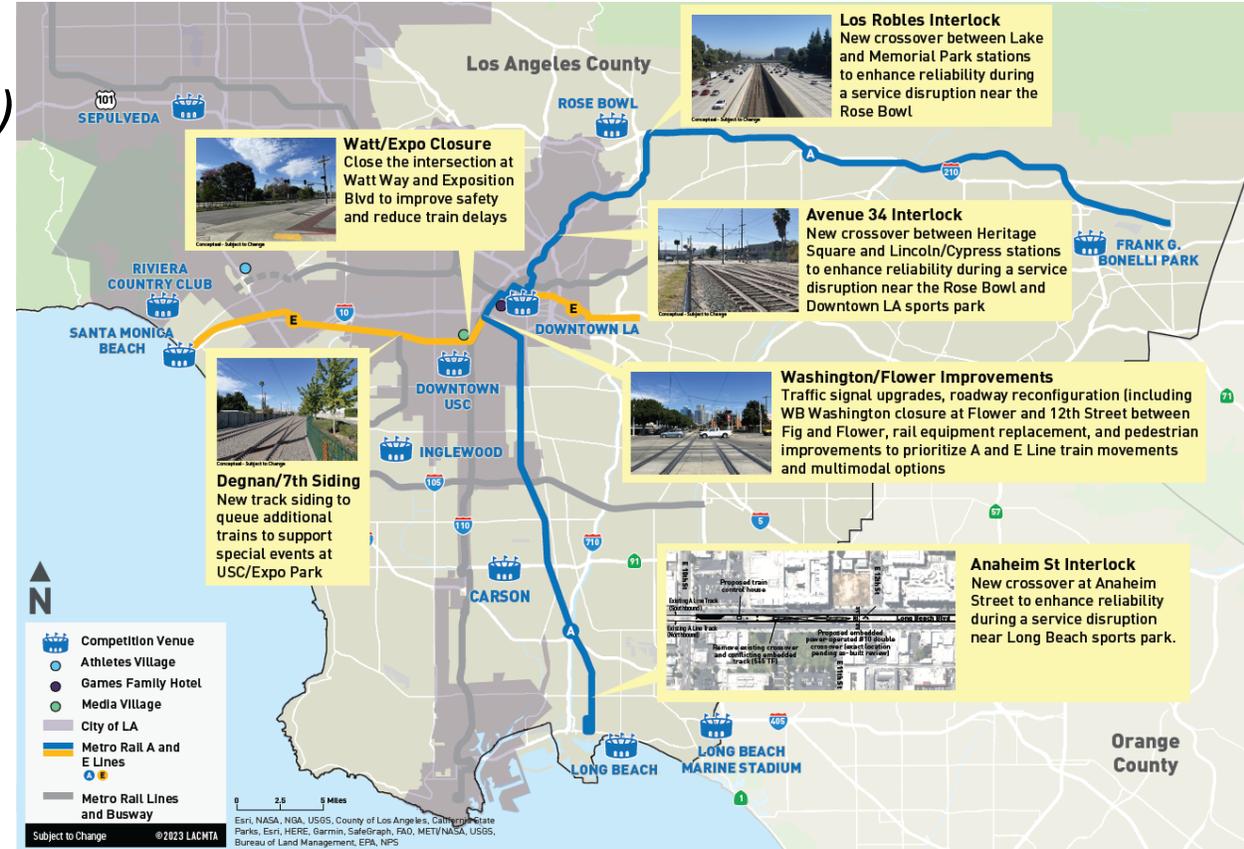
Provide a safer and faster multi-modal transit options to encourage mode shift through improvements along the Metro A and E lines such as Washington/ Flower intersection, Degnan/ 7<sup>th</sup> siding, Watt Way, A Line interlocks.



# LRT Operational Improvements: What we're planning

## ■ Projects/Improvements

- *Washington/Flower Corridor (A & E Lines)*  
Intersection improvements, traffic signal priorities, and minor civil improvements to prioritize trains
- *Degnan/7th Siding (E Line)*  
Add track to insert additional trains for special events at Expo Park
- *Watt Way Closure (E Line)*  
Close intersection for safety and travel time reliability
- *Los Robles, Avenue 34, Anaheim St Interlocks (A Line)*  
Increase reliability and resiliency during service disruption



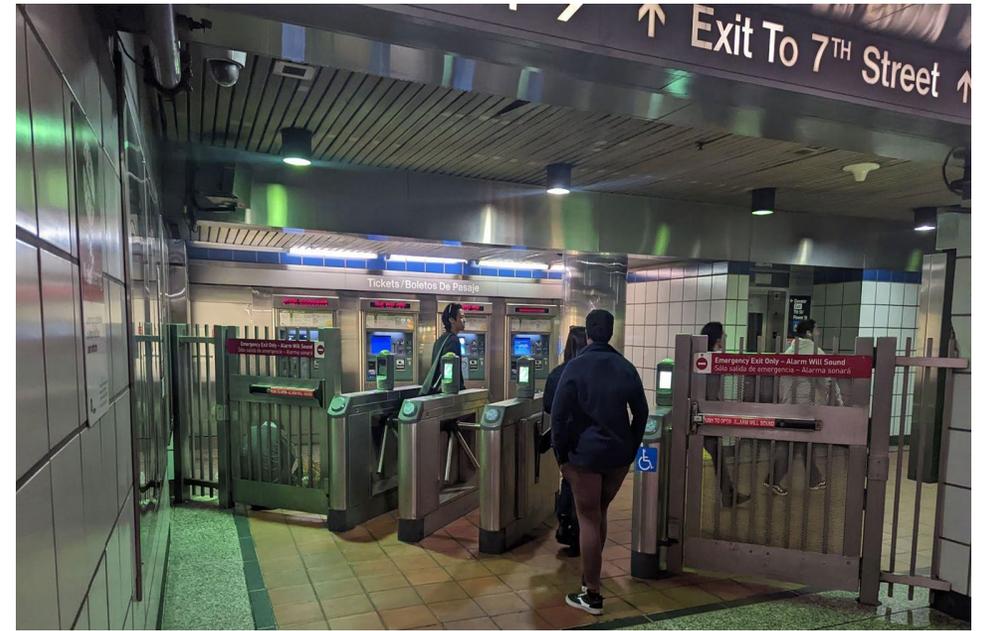
# Key Stations

Provide a safe, accessible, and comfortable Metro experience that connects the urban environment and regional transit network at key Metro stations to support the 2028 Games



# Key Stations: What we're planning

- **Types of improvements**
  - Wayfinding
  - Lighting
  - Pedestrian and queuing enhancements
  - Security systems
  - Customer amenities
  - Architectural features
- **Priority Stations**
  - LA Union Station
  - Pico Station
  - 7<sup>th</sup> / Metro Center Station



# Mobility Hubs

Enable multi-modal connections at existing transfer and terminus stations providing legacy improvements and enhancing connectivity to and from venues and supporting the Supplemental Bus System (GETS) during the Games



# Mobility Hubs: What we're planning

- Public plaza furnishings
- Bike and scooter share stations
- Signage / informational kiosks
- Shade structures
- Solar panels
- Integrated public art
- Pop-up concessions and vendor spaces
- Accessible parking
- Electric vehicle charging and green vehicle parking
- Safe storage for and rental of personal micro-mobility devices
- Wi-fi and device charging docks



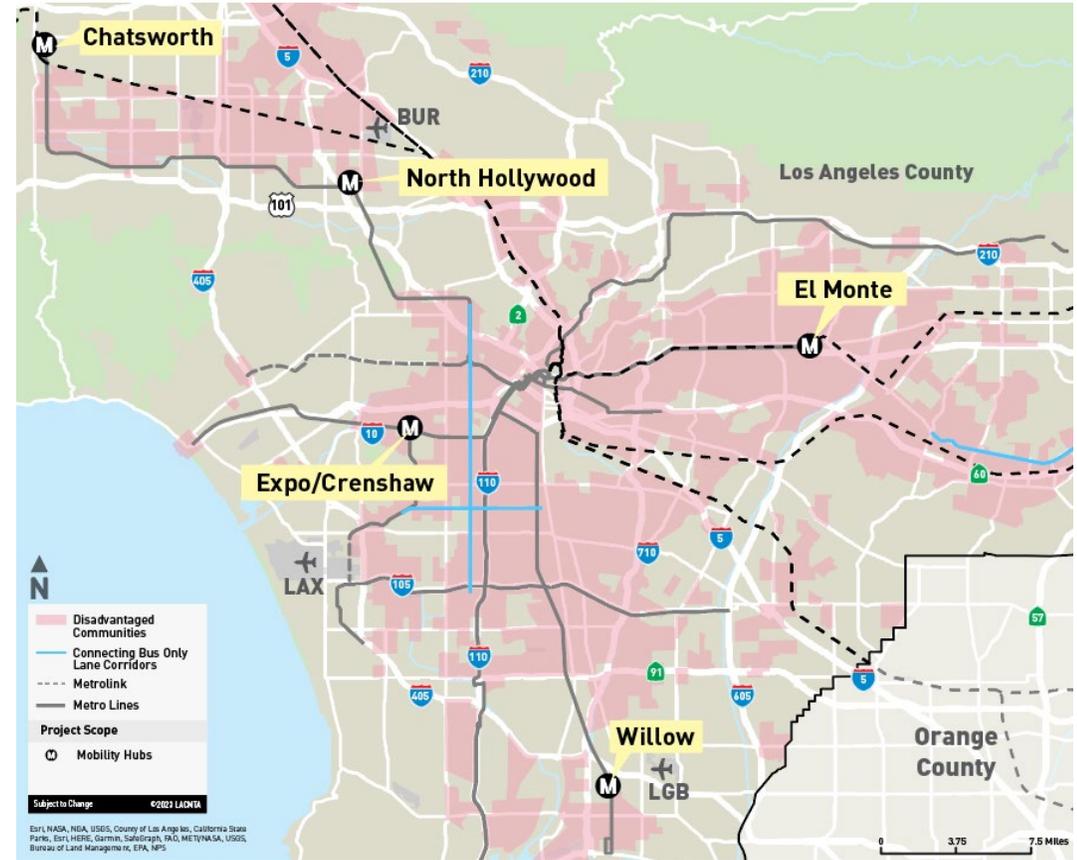
# Mobility Hubs: What we're doing

## ■ Progress

- Identified typologies, amenities, and locations
- Coordinated with Metro's Mobility Hub Study
- Prepared conceptual design, cost estimates, and implementation plans for
  - Chatsworth
  - El Monte
  - Expo/Crenshaw
  - North Hollywood
  - Willow
- Applied for funding for the top 5 hubs

## ■ Future

- Develop conceptual designs, cost estimates, and implementations for additional locations
- Apply for funding



*Priority mobility hubs (phase 1) included in Reconnecting Communities funding award*

# Funding/Advocacy Efforts

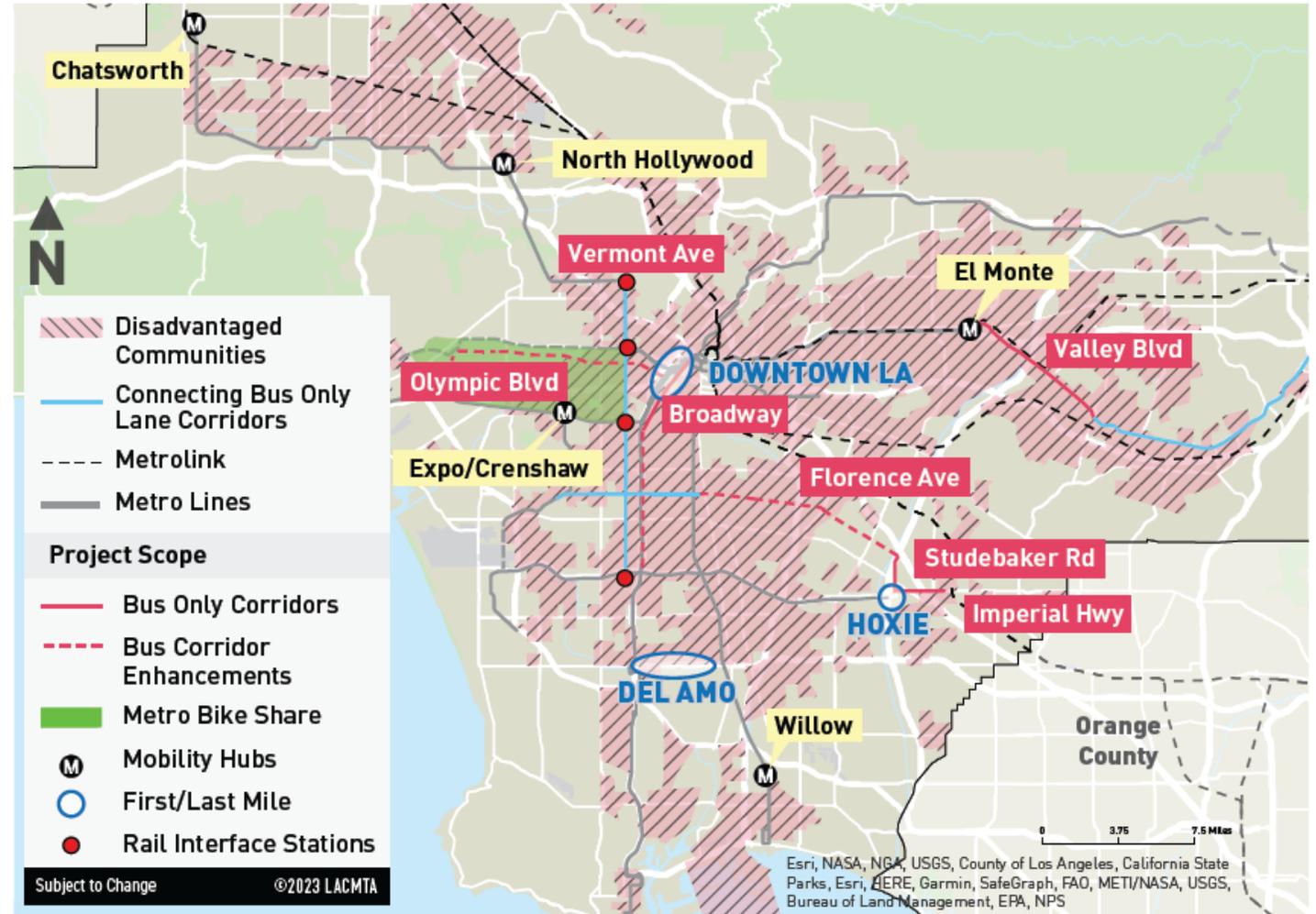


# Funding Status

SUBMITTED FUNDING REQUESTS	LEAD AGENCY	SCOPE/PROJECT	FUNDING REQUEST	OUTCOME
DOT SMART (FY23)	Metro	Integrated event ticketing	\$2M	Awarded
DOT Safe Streets for All (FY24)	SCAG with Metro	First/last mile demonstration projects	\$10M	Awarded
DOT Reconnecting Communities & Neighborhoods	Metro with local partners	First/last mile, mobility hubs, bike share, bus enhancements, open streets, and GoPass	\$139M	Awarded
DOT RAISE	City of LA with Metro	Sepulveda Basin Games, Access, Mobility, and Safety (GAMES) Project	\$25M	Not Awarded
EPA Climate Pollution Reduction Grant	Metro with regional and local partners	Division 7 and 18 charging infrastructure, Antelope Valley Line Improvements, bus priority improvements, bike share expansion, and first/last mile projects	\$495M	Not Awarded
FTA Low/No Emission	Metro	Division 7	\$115M	Submitted
FTA Bus & Bus Facilities	Metro	Division 7	\$38M	Submitted
SCAG Congestion Mitigation and Air Quality	Metro	Celebrate Streets and Division 18	\$34M	Submitted
EPA Environmental Justice & Community Change	Metro and CBO	Washington/Flower Corridor Improvements	\$20M	Pending

# USDOT Reconnecting Communities: Removing Barriers and Creating Legacy – A Multimodal Approach for LA County

- Program amount = \$162M
- Federal funding award = \$139M
- Scope
  - 14 miles of BOL
  - 22 miles of bus enhancements
  - 5 FLM locations
  - 5 mobility hubs
  - 3 open street locations
  - 60 bikeshare stations
  - 5 years of GoPass



# Paris 2024



# Media Coverage



Mayor Karen Bass and Gov. Gavin Newsom with the official Olympic flag as it arrives on a flight from Paris to Los Angeles ahead of the 2028 Olympics. (Dania Maxwell/Los Angeles Times)

## ‘The clock is ticking.’ Olympic flag arrives in L.A. and LA28 gets to work

BY DAVID WHARTON | STAFF WRITER

AUG 12, 2024 | 5:40 PM

The charter flight left Paris on Monday



# Q&A/Discussion

