



**CONSTRUCTION NETWORK**

Connecting Owners to AEC and CM Industries

**January 25, 2023**

Los Angeles, CA

# **Mobility Plans for the 2028 Olympic and Paralympic Games**

## **Guest Speakers**

**Darren Kettle - METROLINK**

*Chief Executive Officer*

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*Executive Officer, Countywide*

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*Deputy District Director*

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*VP, LA28 Games Transportation*



**From the final GME Priority List:**

<b>Project</b>	<b>Games Transportation Nexus</b>	<b>ROM Cost (Total)</b>	<b>Detailed Assumptions</b>
Metrolink Fleet and Track Capacity Improvements: SCORE Phase I Completion	Expand existing service frequency and reduce the supplemental system need	\$1,450M	<ul style="list-style-type: none"> <li>Operational upgrades to 30-minute headways in the core network, serving key Games venues, through network enhancements, 13 additional train sets, and support facilities</li> </ul>

**Metrolink Components:**

<b>Project Component:</b>	<b>Cost</b>	<b>Notes</b>
New Fleet (13 Train Sets)	\$440M	<i>for half-hourly service on segments of VCL, AVL, SBL, OCL</i>
Supporting Facilities for Fleet	210	<i>upgrades of existing facilities, including second shop (e.g EMF)</i>
Old Fleet Rehabilitation	60	<i>rehabilitate old cars for additional carrying capacity</i>
<b>Fleet &amp; Facilities</b>	<b>\$710M</b>	
SCORE Phase 1 Shortfall	\$300M	<i>backfill shortfall on SCORE Phase 1 projects (e.g. inflation)</i>
OC Line Capacity Improvements	310	<i>improvements between LA and Anaheim (e.g. capacity on BNSF)<sup>1</sup></i>
SB Line Capacity Improvements	130	<i>Lilac-Sycamore-Rancho double-track and Orange Ave Jct upgrades</i>
<b>Line Capacity</b>	<b>\$740M</b>	
<b>Total</b>	<b>\$1,450M</b>	

Note:

1: OC Line Projects might take the form of additional fleet to make up for line capacity improvements if agreement cannot be reached with the BNSF on improvements that enable a more efficient operation.

# 2022

## Prioritized MCP

### Project List

This 2022 Prioritized MCP Project List distills our ambitions and is a living list. By creating a diverse portfolio of projects now, we can start seeking state and federal funding as soon as possible. We're aiming high through these projects; they are a carefully selected mix of large, small, capital, and operations, and they address many travel modes.

Completing projects on this list will depend on what kind of funding we receive, how our partners want to work together, and what the future holds for the region. Over the next 6 years, this living list will likely be refined and modified to reflect what we learn, what we hear, and what we can accomplish in time for the Games.

#### UNFUNDED AND PARTIALLY FUNDED PROJECTS BY MODE

MAP ID	PROJECT NAME	MODE/TYPE	ROUGH ORDER OF MAGNITUDE COST	PROJECT LEAD
1	Access Services EV Fleet & Charging Infrastructure	Bus	\$40,000,000	Access Services
2	Atlantic Boulevard Bus Only Lanes & TSP	Bus	\$150,000,000	Metro
3	Broadway Bus Only Lanes & TSP	Bus	\$250,000,000	Metro, LADOT
4	Bus Terminal and Layover Improvements	Bus	\$175,000,000	Metro
5	Camera Bus Lane Enforcement	Bus	\$20,000,000	Metro, Local Cities
6	Games Route Network Bus Only Lanes & TSP	Bus	\$600,000,000	Metro, Caltrans, Local Cities
7	Local Municipal Operators Call for Projects	Bus	\$65,000,000	Metro
8	Sports Park Metro Zero-Emission Bus Fleet	Bus	\$275,000,000	Metro
9	Supplemental Transit System	Bus	\$500,000,000	Metro, LA28
10	Venice Boulevard Bus Only Lanes & TSP	Bus	\$150,000,000	Metro, LADOT
11	Vermont Bus Rapid Transit	Bus	\$425,000,000	Metro

## UNFUNDED AND PARTIALLY FUNDED PROJECTS BY MODE (CONTINUED)

MAP ID	PROJECT NAME	MODE/TYPE	ROUGH ORDER OF MAGNITUDE COST	PROJECT LEAD
1	Arterial Network Traffic Signal Analytics	Congestion Management	\$20,000,000	Metro, LADOT, Local Cities
2	ATSAC/LARTMC Integration and Operations Enhancements	Congestion Management	\$150,000,000	LADOT, Caltrans
3	Centinela Grade Separation Project	Congestion Management	\$225,000,000	Metro
4	Countywide Transportation Demand Management Campaign	Congestion Management	\$60,000,000	Metro
5	Freight Transportation Demand Management	Congestion Management	\$25,000,000	Metro
6	Games Route Network Design and Implementation	Congestion Management	\$85,000,000	Metro, LA28, Caltrans, Local Cities
7	I-10 Santa Monica Freeway Integrated Corridor Management	Congestion Management	\$9,000,000	Metro, Caltrans
8	I-405 Integrated Corridor Management	Congestion Management	\$57,000,000	Metro, Caltrans
9	I-710 Integrated Corridor Management	Congestion Management	\$35,000,000	Metro, Caltrans
1	Inglewood Transit Connector	First-Last Mile/Active Transportation	\$1,400,000,000	Local Cities
2	LA River Path	First-Last Mile/Active Transportation	\$525,000,000	Metro
3	Los Angeles Universities Mobility Hubs	First-Last Mile/Active Transportation	\$30,000,000	Metro
4	Metro Micro Expansion	First-Last Mile/Active Transportation	\$30,000,000	Metro
5	Open Streets to Uplift Arts, Culture, and Recreation	First-Last Mile/Active Transportation	\$10,000,000	Metro, Local Cities
6	Rail and Bus Games Mobility Hubs	First-Last Mile/Active Transportation	\$100,000,000	Metro, LA28, Local Cities
7	Transit to Venue Ped/Bike Access Enhancements	First-Last Mile/Active Transportation	\$75,000,000	LADOT, Local Cities

## UNFUNDED AND PARTIALLY FUNDED PROJECTS BY MODE (CONTINUED)

MAP ID	PROJECT NAME	MODE/TYPE	ROUGH ORDER OF MAGNITUDE COST	PROJECT LEAD
1	7th/Metro Center Station Upgrades	Rail	\$25,000,000	Metro
2	Arcadia Power Substation Upgrade	Rail	\$20,000,000	Metro
3	C/K Lines Station Platform Extensions and Reliability Upgrades	Rail	\$250,000,000	Metro
4	Elevator and Escalator Improvements	Rail	\$55,000,000	Metro
5	Foothill Gold Line Extension Phase 2B (Montclair)	Rail	\$120,000,000	Construction Authority
6	L Line (Pasadena) System and Reliability Upgrades	Rail	\$85,000,000	Metro
7	Light Rail Speed and Operational Improvements	Rail	\$300,000,000	Metro, LADOT, Local Cities
8	Pico Station Second Platform	Rail	\$40,000,000	Metro
9	Union Station Improvements	Rail	\$25,000,000	Metro
10	Washington Wye Junction/Flower Street Operational Improvements	Rail	\$150,000,000	Metro, LADOT
1	Lone Hill to White Double Track (San Bernardino Line)	Regional Rail	\$135,000,000	Metro
2	Regional Rail Games Park-and-Ride Facilities	Regional Rail	\$35,000,000	Metro, Metrolink, Local Cities
3	SCORE (Package 1: Fleet and Additional Track Capacity)	Regional Rail	\$1,560,000,000	Metrolink
4	Supplemental Games Readiness Network Improvements (Package 2)	Regional Rail	\$540,000,000	Metrolink
5	Supplemental Games Readiness Network Improvements (Package 3)	Regional Rail	\$1,210,000,000	Metrolink
1	Customer Information System Integration/Technology	Systemwide	\$9,000,000	Metro, Metrolink
2	Cybersecurity and Data Security	Systemwide	\$75,000,000	Metro
3	Emergency Security Operations Center	Systemwide	\$230,000,000	Metro
4	Games Sports Park Stations State-of-Good-Repair Improvements	Systemwide	\$500,000,000	Metro
5	Metro Clean Program	Systemwide	\$50,000,000	Metro
6	Multilingual Blue Shirts/ Ambassadors Expansion Program	Systemwide	\$5,000,000	Metro
7	Universal Basic Mobility Expansion	Systemwide	\$40,000,000	Metro
8	Universal Fare and Ticketing Integration	Systemwide	\$30,000,000	Metro, LA28