



# Information Station #4

## Draft Investment Plan

# What We're Working Toward: LB-ELA Corridor Mobility Investment Plan



# What We Are Working Toward: LB-ELA Corridor Mobility Investment Plan

## What is the Corridor Mobility Investment Plan (Investment Plan)?

### The Investment Plan is a multiyear strategic planning document

- > Advances the **Corridor's Vision, Goals, and Guiding Principles** as adopted by the Task Force and Community Leadership Committee
- > Provides recommendations to the Metro Board of Directors on **initial projects and programs to fund, leverage, and implement**
- > Also **identifies longer-term project priorities and funding**
- > Describes **implementation strategies, roles, and responsibilities** to help Metro, cities and agencies
- > Creates **equity-focused** planning and projects
- > Features **15 Community Programs** and **5 Modal Programs**

# Projects for Initial Funding

# Investment Plan Measure R/M Investment Summary

**Total available Measure R/M Funds: \$743M**

## Total Measure R/M Investment Summary

**Initial Investment Recommendations: \$449M**

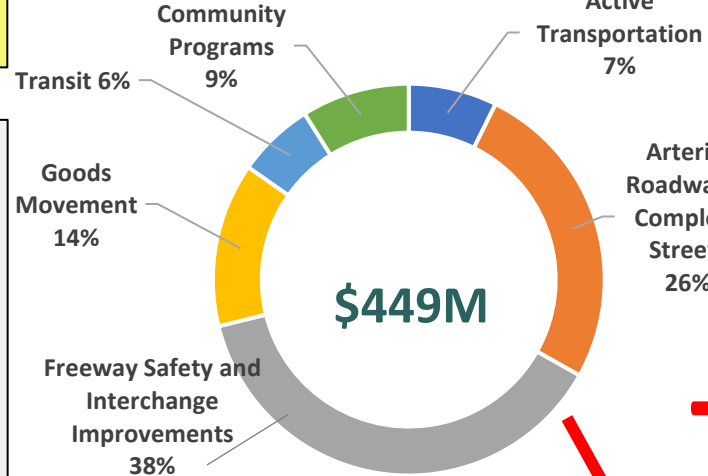
- Development \$69.5M
- Pre-Implementation \$62.5M
- Implementation \$317M\*

**Modal Program Recommendations: \$294M**

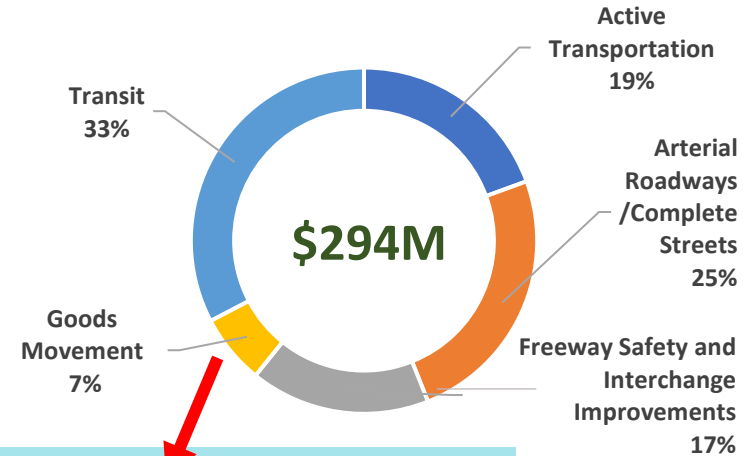
- Development \$22.5M
- Pre-Implementation \$14.7M
- Future Implementation \$256.5M

**Total Initial Investment and Modal Programs: \$743M**

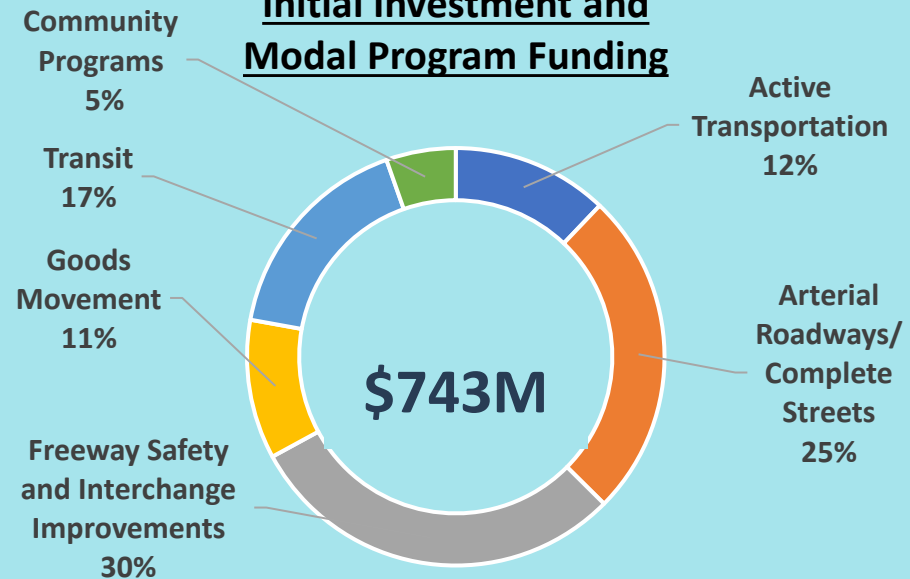
### Initial Investment Funding by Mode



### Modal Program Funding



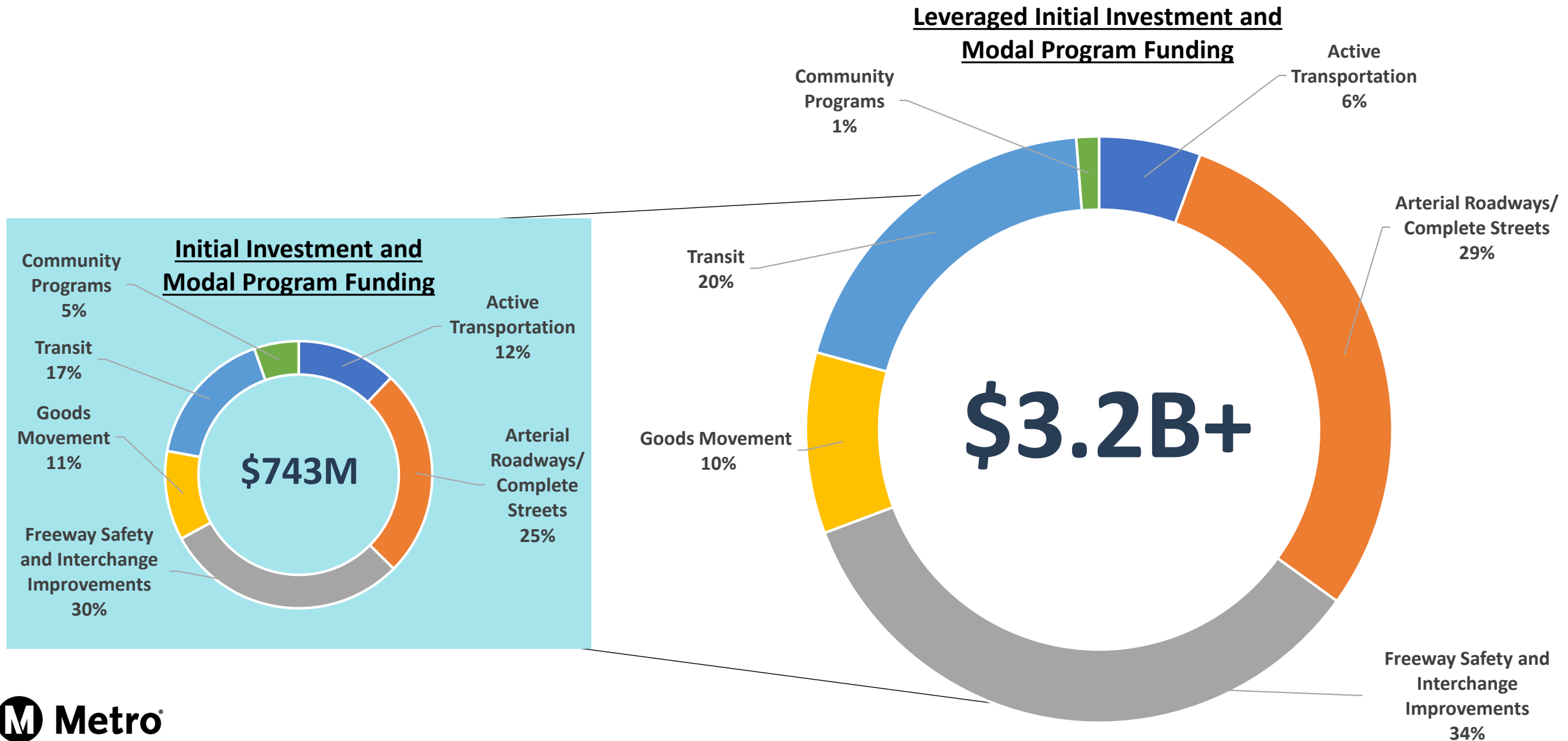
### Initial Investment and Modal Program Funding



\*Includes funding commitments for near - and longer-term projects.

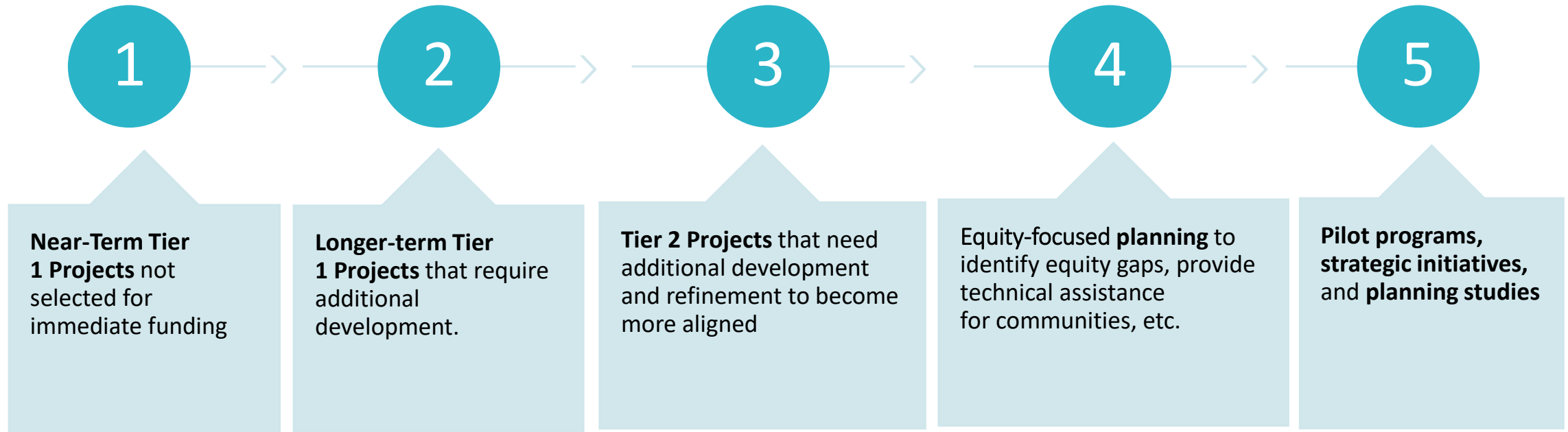
\*leveraged investment in community programs to be determined

# Investment Plan Measure R/M Investment Summary – Leveraged Funding








# Investment Plan Measure R/M Investment Summary – Modal Programs

The 5 types of projects/programs that are put into Modal Programs include:



# Investment Plan Measure R/M Investment Summary – Modal Programs

MODE	\$ CMIP (M)
 Arterial Roadway/Complete Streets	\$72.2
 Active Transportation	\$57.1
 Freeway Safety & Interchange Improvements	\$49.4
 Goods Movement	\$19.0
 Transit	\$96.0
<b><i>Total Programmed</i></b>	<b>\$293.7</b>

# Investment Plan Measure R/M Investment Summary – Freeway Safety and Interchange Improvements



Interchange Improvements



Design Improvements



Auxiliary Lanes



Traffic Signals



Landscaping Features



Sound Wall Improvements



# Investment Plan Measure R/M Investment Summary – Freeway Safety and Interchange Improvements



<b>Initial Investment Recommendations:</b>	<b>\$170.6M</b>
• Development	\$9.0M
• Pre-Implementation	\$39.0M
• Implementation	\$122.6M
<b>Modal Program Recommendations:</b>	<b>\$49.4M</b>
• Development	\$0.0M
• Pre-Implementation	\$2.5M
• Future Implementation	\$46.9M
<b>Total Initial Investment &amp; Modal Programs:</b>	<b>\$220.0M</b>

# Investment Plan Measure R/M Investment Summary – Freeway Safety and Interchange Improvements



Project ID		Name	CMIP Initial Investment (\$ in millions)	Estimated Total Cost* (\$ in millions)	Phase
Various	12 Interchanges + 2 Auxiliary Lanes	Freeway Alternative Analysis**	\$5.0	\$5.0	Development
	Top 3-4 Priority Projects	Freeway CEQA/NEPA Phase***	\$34.0	\$34.0	Pre-implementation
	Top 2-3 Environmentally Cleared Projects	Freeway Construction****	\$114.6	\$573	Implementation
LB-ELA_0156		Traffic Controls at LB-ELA Freeway Ramps	\$10.0	-	Development / Implementation
LB-ELA_0181		Freeway Lids, Caps, Widened Bridge Decks	\$5.0	-	Development
LB-ELA_0157		LB-ELA Particulate Matter (PM) Reduction Pilot Project	\$2.0	-	Development
<b>Freeway Safety and Interchange Improvements Initial Investment</b>			<b>\$170.6</b>		
<b>Freeway Safety and Interchange Improvements Modal Program Investment</b>			<b>\$49.4</b>		
<b>Total Freeway Safety and Interchange Improvements Investment</b>			<b>\$220.0</b>		

\* Estimated project costs are totaled from individual city submissions

\*\*LB-ELA Interchange Improvements: I-710/ Firestone, Florence, Willow, Del Amo, Long Beach Blvd, Alondra and Modifications of SB I-710 to SR 91 Connectors, Imperial, Anaheim, PCH, Wardlow; LB-ELA Auxiliary Lanes: Willow St to Wardlow St, Del Amo Blvd to Long Beach Blvd; Connector Project Improvements: I-710/I-405, I-710/I-105

\*\*\*Freeway Alternative Analysis will determine 3-4 priority projects that undergo Freeway CEQA/NEPA phase.

\*\*\*\*Freeway CEQA/NEPA Phase will determine top 2-3 Environmentally Cleared Projects.

# Investment Plan Measure R/M Investment Summary – Arterial Roadways/Complete Streets



## Intersection Improvements



## Traffic Management Features



## Traffic Calming Features



## Complete Streets



## Visual Improvements



# Investment Plan Measure R/M Investment Summary – Arterial Roadways/Complete Streets



<b>Initial Investment Recommendations:</b>	<b>\$115.9M</b>
• Development	\$0.0M
• Pre-Implementation	\$9.0M
• Implementation	\$106.1M
<b>Modal Program Recommendations:</b>	<b>\$72.1M</b>
• Development	\$7.2M
• Pre-Implementation	\$3.6M
• Future Implementation	\$61.3M
<b>Total Initial Investment &amp; Modal Programs:</b>	<b>\$188.0M</b>

# Investment Plan Measure R/M Investment Summary – Arterial Roadways/Complete Streets



Project ID	Name	CMIP Initial Investment (\$ in millions)	Estimated Total Cost* (\$ in millions)	Phase
LB-ELA_0057	Atlantic Complete Street Corridor	\$68.6	\$457.2	Implementation
LB-ELA_0058	Florence Complete Street Corridor	\$24.9	\$124.5	Implementation
LB-ELA_0010	Shoemaker Bridge/Shoreline Drive	\$9.0	\$560.0	Pre-implementation
LB-ELA_0060	Alondra Complete Street Corridor	\$9.0	\$45.0	Implementation
LB-ELA_0061	Slauson Complete Street Corridor	\$3.6	\$18.0	Implementation
LB-ELA_0062	Long Beach Complete Street Corridor	\$0.8	-	Pre-implementation
<b>Arterial Roadways/Complete Streets Initial Investment</b>		<b>\$115.9</b>		
<b>Arterial Roadways/Complete Streets Modal Program</b>		<b>\$72.1</b>		
<b>Total Arterial Roadways/Complete Streets Investment</b>		<b>\$188.0</b>		

*\*Estimated project costs are totaled from individual city submissions.*

# Investment Plan Measure R/M Investment Summary – Active Transportation



Bike Lanes



Shared-Use Path



Pedestrian Safety / Amenities



Crossing Safety Enhancements



Micromobility



Bike/Pedestrian Traffic Controls



# Investment Plan Measure R/M Investment Summary – Active Transportation



<b>Initial Investment Recommendations:</b>	<b>\$32.9M</b>
• Development	\$0.5M
• Pre-Implementation	\$4.5M
• Implementation	\$27.9M
<b>Modal Program Recommendations:</b>	<b>\$57.1M</b>
• Development	\$5.7M
• Pre-Implementation	\$2.9M
• Future Implementation	\$48.6M
<b>Total Initial Investment &amp; Modal Programs:</b>	<b>\$90M</b>

# Investment Plan Measure R/M Investment Summary – Active Transportation



Project ID	Name	CMIP Initial Investment (\$ in millions)	Estimated Total Cost (\$ in millions)*	Phase
LB-ELA_0017	Regionally significant bike projects from the Metro Active Transportation Plan	\$15.7	\$41.4**	Development / Implementation
LB-ELA_0008	Blue Line First/Last Mile Plan Improvements	\$9.8	\$13.5	Development / Implementation
LB-ELA_0111	Southeast Gateway Line & Pedestrian Trail	\$3.8	\$7.6**	Development / Pre-implementation
LB-ELA_0006	Rail to River Active Transportation Corridor Segment B	\$3.2	\$6.3	Pre-implementation
LB-ELA_0165	Compton Creek Bike Underpasses	\$0.5	-	Development / Pre-Implementation
<b>Active Transportation Initial Investment</b>		<b>\$32.9</b>		
<b>Active Transportation Modal Program</b>		<b>\$57.1</b>		
<b>Total Active Transportation Investment</b>		<b>\$90.0</b>		

# Investment Plan Measure R/M Investment Summary – Goods Movement



# Investment Plan Measure R/M Investment Summary – Goods Movement



<b>Initial Investment Recommendations:</b>	<b>\$61.0M</b>
• Development	\$20.0M
• Pre-Implementation	\$5.0M
• Implementation	\$36.0M
<b>Modal Program Recommendations:</b>	<b>\$19.0M</b>
• Development	\$0.0M
• Pre-Implementation	\$1.0M
• Future Implementation	\$18.0M
<b>Total Initial Investment &amp; Modal Programs:</b>	<b>\$80.0M</b>

# Investment Plan Measure R/M Investment Summary – Goods Movement



Project ID	Name	CMIP Initial Investment (\$ in millions)	Estimated Total Cost* (\$ in millions)	Phase
LB-ELA_0004	Long Beach-East Los Angeles Corridor Clean Truck Program (Also referred to as ZE Truck Program)	\$50.0	\$200.0	Implementation
LB-ELA_0023	Clean Truck Infrastructure			
LB-ELA_0217	Freight Rail Electrification Pilot Project	\$10.0	-	Implementation
LB-ELA_0151	Goods Movement Freight Rail Study	\$1.0	-	Implementation
<b>Goods Movement Initial Investment</b>		<b>\$61.0</b>		
<b>Goods Movement Modal Program</b>		<b>\$19.0</b>		
<b>Total Goods Movement Investment</b>		<b>\$80.0</b>		

*\*Estimated project costs are totaled from individual city submissions.*

# Investment Plan Measure R/M Investment Summary – Transit



# Investment Plan Measure R/M Investment Summary – Transit



<b>Initial Investment Recommendations:</b>	<b>\$29.0M</b>
• Development	\$0.0M
• Pre-Implementation	\$5.0M
• Implementation	\$24.0M
<b>Modal Program Recommendations:</b>	<b>\$96M</b>
• Development	\$9.6M
• Pre-Implementation	\$4.8M
• Future Implementation	\$81.6M
<b>Total Initial Investment &amp; Modal Programs:</b>	<b>\$125.0M</b>

# Investment Plan Measure R/M Investment Summary – Transit



Project ID	Name	CMIP Initial Investment (\$ in millions)	Estimated Total Cost* (\$ in millions)	Phase
LB-ELA_0203	Bus Stop Improvements	\$19.0	\$19.0*	Development / Implementation
LB-ELA_0175	Install Quad Safety Gates at all A Line [Blue Line] Crossings	\$5.0	\$5.0*	Development / Pre-implementation
LB-ELA_0168	Compton Transit Management Operations Center Enhancements	\$2.0	\$27.0**	Pre-Implementation / Implementation
LB-ELA_0146	Metro Bus Priority Lane Corridor along Line 260 (Atlantic Blvd.)	\$1.0	-	Pe-implementation
LB-ELA_0144	Metro Bus Priority Lane Corridor along Line 111 (Florence)	\$1.0	-	Pre-implementation
LB-ELA_0141	Metro Bus Priority Lane Corridor along Line 60 (Long Beach Blvd.)	\$0.5	-	Pre-implementation
LB-ELA_0142	Metro Bus Priority Lane Corridor along Line 108 (Slauson)	\$0.5	-	Pre-implementation
<b>Transit Initial Investment</b>		<b>\$29.0</b>		
<b>Transit Modal Program</b>		<b>\$ 96.0</b>		
<b>Total Transit Investment</b>		<b>\$ 125.0</b>		

\*Estimated project costs are totaled from individual city submissions.

\*\* Total cost based on installation of a defined number of improvements.

\*\*\*Project cost based on Blue Line First Last Mile estimate for Compton.

# Community Programs



## What are Community Programs?

Community Programs incorporate a range of benefits that are responsive to equity issues facing the LB-ELA Corridor, and which are not addressed through typical transportation infrastructure investments.

- Some are focused on addressing current burdens that exist as a result of past policy, disinvestment, and infrastructure development;
- Others are proactive measures to sustain community stability and maximize benefits as projects are implemented in the future.
- 15 Community Programs have been identified by community stakeholders in this process.

# Investment Plan Measure R/M Investment Summary – Community Programs



TOPIC AREA	PROJECT ID	PROJECT NAME
<b>Air Quality/ Community Health</b>	LB-ELA_0192	Bus Electrification Projects
	LB-ELA_0133	LB-ELA Corridor Community Health Benefit Program
	LB-ELA_0191	Zero-Emission Infrastructure for Autos
	LB-ELA_0218	Air Quality Monitoring Stations
<b>Environment</b>	LB-ELA_0134	LB-ELA Corridor Energy Reduction/Greenhouse Gas (GHG) Emissions Reduction Program
	LB-ELA_0187	LB-ELA Corridor “Urban Greening” Initiative
	LB-ELA_0190	Public Art/Aesthetics
<b>Housing Stabilization/ Land Use</b>	LB-ELA_0009	WSAB Transit-Oriented Development Strategic Implementation Plan and Program (TOD SIP)
	LB-ELA_0193	Transit-Oriented Communities/Land Use
	LB-ELA_0194	Homeless Programs
	LB-ELA_0135	Housing Stabilization Policies
<b>Job Creation/ Work Opportunities</b>	LB-ELA_0197	Vocational Educational Programs
	LB-ELA_0195	Targeted Hire Programs
	LB-ELA_0196	Employment/Recruitment Initiatives
	LB-ELA_0186	Economic Stabilization Policies

# Investment Plan Measure R/M Investment Summary – Community Programs



<b>Initial Investment Recommendations:</b>	<b>\$40.0M</b>
• Development	\$40.0M
• Pre-Implementation	\$0.0M
• Implementation	\$0.0M
<b>Modal Program Recommendations:</b>	<b>\$0.0M</b>
• Development	\$0.0M
• Pre-Implementation	\$0.0M
• Future Implementation	\$0.0M
<b>Total Initial Investment &amp; Modal Programs:</b>	<b>\$40.0M</b>

# Next Steps

- > Engage potential partners to establish Community Program development working groups by topic areas (Similar to ZET Working Group)
  - Project team will contact potential partners in late January and early February
  - Reach out to Project Team proactively if interested in participating in one or more working groups (no commitment necessary yet)
  
- > Community Program working groups will:
  - **Identify existing programs** that Metro can support through funding, grant-writing, technical assistance, or other facilitation roles
  - **Identify additional funding/grant opportunities** for Community Programs ineligible for Measure R/M funding (i.e., no direct transportation nexus)
  - **Define detailed objectives, parameters, and actions** for new Community Programs
  - **Identify funding allocations** within topic areas based on Community Program pathways and funding needs

# Potential Partners by Community Program Topic Area

## Air Quality/Community Health

- Gateway Cities COG
- SCAQMD
- CARB
- Southern California Clinics Association
- EYCEJ
- LBACA
- SELA Collaborative
- Coalition for Clean Air
- LA County ISD Clean Transportation Team
- Southern California Edison
- LACI
- **Metro Partners: I-710 ZET Program; Metro Bus Electrification**

## Housing Stabilization/Land Use

- Gateway Cities COG
- Legal Aid Foundation of Los Angeles
- LA Care
- Fair Housing Foundation
- BASTA Long Beach
- East LA Women's Center
- Fair Opportunity for Change
- Forgotten Children, Inc.
- Jordan's Disciples Community Service
- Kingdom Causes Bellflower
- Restoration Diversion Services
- Salvation Army
- **Metro Partners: TOC Programs; Homeless Outreach Pilot; Room to Work**

## Environment

- GCCOG Regional Climate Collaborative
- SCAQMD
- EYCEJ
- CBE
- Compton Community Garden
- Eastmont Community Center
- TreePeople
- GrowGood
- Friends of the LA River
- Caltrans District Art Coordinator
- ARCHES
- SoCalREN
- **Metro Partners: Metro Art Program; LRTP**

## Job Creation/Work Opportunities

- LA County Economic Development Corporation Business Support Program
- LA County Department of Workforce Development, Aging and Community Services (WDACS); Office of Small Business
- CALSTART
- ARCHES
- Vocational Schools, Training Centers, and Workforce Development Organizations
- **Metro Partners: WIN-LA; Room to Work; Internship and Entry-Level Trainee Program; E3 (Expose – Educate – Employ); Transportation Career Academy Program**

# Investment Plan Measure R/M Investment Summary – Community Programs

## What are Community Programs?

Community Programs incorporate a range of benefits that are responsive to equity issues facing the LB-ELA Corridor, and which are not addressed through typical transportation infrastructure investments.

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- Others are proactive measures to sustain community stability and maximize benefits as projects are implemented in the future.
- 15 Community Programs have been identified by community stakeholders in this process.

# Funding Strategy Framework

# Funding Strategy: Measure R and Measure M funds

## Measure R

- \$243 million of remaining Measure R LB-ELA South highway funds are available for CMIP projects (includes Board-adopted \$50 million commitment of Measure R funds as seed funding for the ZE Truck program). If needed, the ZE Truck program could free up Measure R funds if the program cash flow allows.
- Remaining Measure R funds (\$193 million) are available immediately for eligible projects and modal programs which demonstrate high project readiness, and which align highly with outcomes and benefits sought for the CMIP.

## Measure M

- \$500 million of Measure M funds are available over the near to medium term, with \$250 million available in FY 2026 and an additional \$250 million available in FY 2032.

## Total funding availability

Source	Immediate (2024)	FY 2026	FY 2032	Total
Measure R*	\$243m			\$243m
Measure M		\$250m	\$250m	\$500m
<b>Total</b>	\$243m	\$250m	\$250m	<b>\$743m</b>

# Funding Strategy: Measure R and Measure M funds

## Estimated funding needs

- The \$743m of Measure R and Measure M funds will provide important seed funding to progress projects, and/or will be used as local match requirements for regional/state/federal funding programs
- However, there will still be an additional funding need of \$2.5 billion – discretionary funding will be required

Mode <i>(in order of CMIP Measure R/M Investment)</i>	A. Estimated Leveraged Measure R/M Total Investment (\$m)	B. Measure R/M Funding Recommendation (\$m)			Estimated Grant Funding Required (\$m) (A – B.3)
		B.1. Initial Investment	B.2. Modal Program	B.3. Total (B.1+ B.2)	
Freeway Safety and Interchange Improvements	\$1,100.0	\$170.6	\$49.4	\$220.0	\$880.0
Arterial Roadways/Complete Streets	\$940.0	\$115.8	\$72.2	\$188.0	\$752.0
Transit	\$625.0	\$29.0	\$96.0	\$126.0	\$500.0
Goods Movement	\$320.0	\$61.0	\$61.0	\$80.0	\$240.0
Active Transportation	\$180.0	\$32.9	\$57.1	\$90.0	\$90.0
<b>Total</b>	<b>\$3,205.0*</b>	<b>\$449.3</b>	<b>\$293.7</b>	<b>\$703.0</b>	<b>\$2,462.0</b>

\*Reflects only leveraging Measure R and M funds. Additional funding and leveraging will be incorporated into the final presentation.

\*\*It is recommended that Community Programs receive \$40 million in initial CMIP Measure investment.

# Funding Strategy: Discretionary Funding Programs

## Federal Discretionary Programs

### Federal Programs

Bridge Investment Program (BIP)  
Building Resilient Infrastructure and Communities (BRIC)  
Charging and Fueling Infrastructure Grant Program (CFI)  
Consolidated Rail Infrastructure and Safety Improvements Program (CRISI)  
Infrastructure for Rebuilding America (INFRA)  
Port Infrastructure Development Program (PIDP)  
Railroad Crossing Elimination Grant Program (RCE)  
Rebuilding American Infrastructure with Sustainability and Equity (RAISE)  
Reconnecting Communities and Neighborhoods (RCN)  
Reduction of Truck Emissions at Port Facilities  
Safe Streets and Roads for All (SS4A)  
Strengthening Mobility and Revolutionizing Transportation (SMART)  
Transit-Oriented Development Planning Grants (TOD)

## State Discretionary Programs

### State Programs

Low-Carbon Transit Operations Program (LCTOP)  
Solutions for Congested Corridors Program (SCCP)  
State Active Transportation Program (State ATP)  
Trade Corridor Enhancement Program (TCEP)  
Transformative Climate Communities (TCC)  
Transit and Intercity Rail Capital Program (TIRCP)  
Urban Greening Grant Program (UGG)  
Local Partnership Program (LPP)

# Funding Strategy: Discretionary Funding Programs

## Eligibility assessment criteria

- Alignment of likely candidate program and project **outcomes** (safety improvements, travel efficiencies, improvements to sustainability and equity) with **merit criteria and/or stated objectives** of the specific funding programs.
- Attributes of candidate program and project and alignment with the **of infrastructure** (e.g., freeways, active transportation, ports, transit, and complete streets) which specific funding programs target.
- Program and project **cost estimates** evaluated against forecast **discretionary funding pools**, maximum grant award amounts, and **typical award sizes** noted by the funding program.
- Availability of **local (or non-federal, non-state) funding** that can be leveraged, and **minimum match** (cost share) requirements for relevant funding programs.
- General **project readiness\*** and status of planning and development of candidate projects.

*\*“Readiness” does not exclude longer-term projects*