



We're developing a new vision for the
Long Beach-East Los Angeles Corridor Mobility Investment Plan

Welcome!

MSPP Revised Initial List - Lunch and Learn
February 9, 2023



Erika C.B. Morales

Partner, Morales + Morales Partners

In Memoriam – Martha Fierro, CLC Member



Martha Fierro

CLC Member from Cudahy

January 6, 1965 – February 1, 2023

Metro Project Team



Michael Cano

Countywide Planning & Development



KeAndra Cylear Dodds

Equity and Race



Ernesto Chaves

Highway Programs



Lilian De Loza-Gutierrez

Community Relations

Detailed Agenda

- | | |
|----------------|--|
| 12pm | Welcome and Opening Remarks <ul style="list-style-type: none">i. Introductions, Objectives, and Agenda |
| 12:05pm | Agenda Item #1: Phase III—Multimodal Strategies, Projects, and Programs (MSPP) Revised Initial List <ul style="list-style-type: none">i. Overview and Process (10 mins)<ul style="list-style-type: none">a. Highlights of Input Received from Task Force, Community Leadership Committee (CLC), and Equity Working Groupii. Revised Initial List of Projects & Programs (50 mins)<ul style="list-style-type: none">a. Active Transportationb. Arterial Roadwaysc. Community Programsd. Goods Movemente. Transitf. Freeway |
| 1:05pm | CLC Comment Period |
| 1:25pm | Closing Remarks, Next Steps |
| 1:30pm | Adjournment |

Agenda Item #1:

Multimodal Strategies, Projects & Programs

Revised Initial List

- i. Overview and Process (10 mins)
 - a. Highlights of Input Received from Task Force, CLC, and EWG
- i. Revised Initial List of Projects & Programs (60 mins)
 - a. Active Transportation
 - b. Arterial Roadways
 - c. Community Programs
 - d. Goods Movement
 - e. Transit
 - f. Freeway

MEETING
16

**HAPPY
NEW YEAR!
2023**

AGENDA ITEM 1:

CLC-MEMBER
AT-LARGE
CONFIRMATION:

BREAKOUT ROOM 3:

- ZERO EMISSION CARGO HANDLING
- IMPROVING HEAT PAVEMENT
- FREEWAY DESIGN IMPROVEMENTS

BREAKOUT ROOM 2:

- 10-15 MEMBERS
- REGIONAL RAIL
- TRANSIT STOPS
- WI-FI

MAIN ROOM:
DISCUSSED
SLIDES

BREAKOUT ROOM 1:

- PROJECT SUGGESTIONS
- ACCESS TO CARS
- 13 MEMBERS

AGENDA ITEM 4:

BREAKOUT ROOM
REPORT OUTS

DO YOU WANT TO
ADD ANY PROJECTS?

CRITERIA
FOR
THE POSITION?
**THE
VOTE:**

☐ **17** YES
☐ **1** ABSTAIN

CLC
MEMBER
@ LARGE

SUSAN
ADAMS,
COMPTON

A NEW
SEAT!

CONFIRMED!

AGENDA ITEM 2:

MULTIMODAL
STRATEGIES,
PROJECTS &
PROGRAMS

LB-ELA CP TASK FORCE

MEETING #16

IM- PROV- MENT
GROUPED BY
IMPROVEMENT
CATEGORIES

4 SUBCATEGORIES
• PEDESTRIAN
• SAFETY
• BIKE ROUTES
• TRAVEL DEMAND

SMALLER & LARGER
SPECIFIC NEW
IDEAS IDEAS

PROJECTS
ARE GROUPED
BY SMALLER
SIZES

THE
EVALUATION
CRITERIA
PHASE:

OVER
200
PROJECTS!

FINISH

VISION &
GOALS

1ST STEP:
COMPILE
PROJECTS

2ND STEP:
SUBMIT
RECOMMENDATIONS

PUBLIC
FEEDBACK
THROUGHOUT

How IT'S ORGANIZED:

the
sketch effect!
VISUAL COMMUNICATION SOLUTIONS



BUNDLE
PROJECTS FOR
EVALUATION

5336

STAKEHOLDERS
ENGAGED

ORGANIZE
THE PROJECTS

RECURRING
FUNDING



SAFETY

PEDESTRIAN
IMPROVEMENTS



BIKE
ROUTES

TIMEFRAME
QUESTIONS?



AVAILABLE
FUNDING?



AGENDA ITEM 3:

**BREAKOUT
ROOMS!**

MSP
INITIAL
LIST

FRAMEWORK
CATEGORIES:
AN IN-DEPTH
LOOK



Questions on Process

- > For the past several weeks, members of the Task Force, Community Leadership Committee (CLC), and Working Groups have been reviewing the Draft Initial Set of Projects and Programs.
- > As part of that endeavor, questions have been raised about **Next Steps in the Task Force Process** for developing an Investment Plan for the Long Beach-East Los Angeles Corridor.
- > Some questions relate to **Evaluation Criteria** on how the Initial Set of Projects and Programs will be evaluated in the next phase, while other questions focus on how projects will be designed and implemented.
- > Please click on the link below for **Frequently Asked Questions and Responses**.

[MSPP Revised List - Questions and Answers link](#)

Questions on Process

Some questions relate to the process and Initial List:

General Questions

- > How was the Initial List of Projects developed?
- > What is the next phase of the Task Force process?
- > How will we position the recommended projects for current and future funding opportunities?
- > What is the timeline and status of the projects in the Initial List?
- > What is Metro's role in developing the projects in the Initial List?

[MSPP Revised List - Questions and Answers link](#)

Questions on Process

Some questions relate to the Evaluation Phase and specific issues:

Evaluation Phase / Evaluation Criteria

- > How will the evaluation consider project benefits and impacts?
- > What if the information available on a project is limited during the evaluation phase?
- > Will health, safety, and concerns related to displacements be examined in the Evaluation Phase?
- > Will some of the evaluation criteria be more heavily weighted compared to others?

Specific Issues – Key Highlights

- > Are there solutions to eliminate the pollution from the air from trucks/other vehicles?
- > What is the best way to address air pollution? Once pollutants are released into the air, how can they be removed?
- > What is the potential to shift truck trips to rail?

Task Force Member Input on the Projects & Programs

What should be added? - Key Highlights

- > Programs on bike safety and that teach people how to share the road safely.
- > Electrification of freight rail to reduce emissions associated with goods movement.
- > Health Programs/Community Health Screenings for students, residents, workers in impacted areas.
- > Air filters, Heating Ventilation Air Conditioning (HVAC) upgrades in impacted areas to reduce exposure to air pollutants.
- > Partnerships with Cities along the Corridor, especially for seasonal and public employment opportunities.
- > ADA-accessible transit stops with ample shade and shelter in all types of weather. Include wi-fi.
- > Specialized “cool” pavement on the freeway to help reduce “heat island” effect.
- > “Micromobility” solutions to encourage greater use of small, lightweight wheeled conveyances for travel such as bicycles, e-bikes, e-scooters, segways, electric wheelchairs, and skateboards.

Comments on *How* Projects & Programs Should Be Evaluated, Designed and Implemented

- > Any congestion pricing options on the freeway should take into account the impact on low-income communities
- > There are many successful programs related to air quality, environment, housing stabilization, health education, and regional occupation that would provide a good model for the Community Programs in the Initial List. These should be consulted.

Equity Working Group Input

What should be added? - Key Highlights

- > Highway lighting improvements
- > Stormwater Capture/flood diversion/water management
- > Habitat Restoration
- > Landscaped mini-roundabouts for traffic calming, urban greening, and visual improvements
- > Designated transit cars and/or waiting areas for women/children and other vulnerable users
- > Community and public health benefits

Comments on *How Projects & Programs Should Be Evaluated, Designed and Implemented*

- > Bike projects should be designed taking into account the character of the streets. For example, streets with lots of trucks need to have a protective barrier or buffer (e.g., bollards).
- > Goods Movement worker health monitoring and labor condition provisions
- > Projects should not cause displacements
- > Need to understand the process of how certain projects, such as Zero Emissions Truck Infrastructure, will be sited and designed to ensure equitable outcomes

Community Leadership Committee Input

Important Note for Task Force: [Make sure to read the full CLC summary of comments located here](#)

What should be added? - Key Highlights

- > Add trees and vegetation to help slow down traffic (for Traffic Calming Program).
- > Provisions to address the safety for people walking and biking near freeway on- and off-ramps.
- > Make sure greening projects are included, especially around freeways and schools.
- > Add street lighting on roads and freeways.
- > Provide for stormwater treatment on the roadways in the study area.
- > Bike share programs and lower the cost to use the bikes.
- > Relocation of utility power boxes on sidewalks for better ADA accessibility.
- > Include “micro-hubs” for transporting goods. These are delivery centers in high density, urban areas that use bikes and e-bikes for deliveries.
- > Provide incentives for *small business* truck drivers to transition to zero-emission trucks.

Comments on *How* Projects & Programs Should Be Evaluated, Designed, and Implemented

- > Vanpools should be low emission.
- > Ensure that all projects truly provide positive impact/benefit to the community (for example those relating to the Port, Trucks, and the Freeway).
- > Ensure that all projects prioritize safety and security.
- > Ensure that local hire programs are indeed local (i.e., include specific residency requirements)
- > Emphasize projects that are most important to the disability community and make sure ADA solutions are included in the projects (for instance, improve ADA compliance, safety, widened sidewalks, amenities at train stations /bus stops).
- > Ensure projects on the list do not lead to displacement.

Revisions to the Initial List

Revisions to the Initial List of Projects & Programs are clearly indicated through the use of track changes. [*Revised Initial List Link*](#). You will see:

New Projects & Programs

- > Recommendations by Task Force Member, CLC Member, and Working Group Members

New Features or Improvements / Revised Project & Program Descriptions

- > Feedback provided by Task Force Member, CLC Member, and Working Group Members
- > Clarifications provided by Cities/Project Sponsors

Only 2 Eliminations (to correct errors)

- > Freeway bridge project far outside the LB-ELA Study Area
- > City project that was already in the list in another place

Initial List of Projects & Programs: Categories

Projects are organized by “improvement category”:

All projects and programs should support a multimodal future for the Corridor.

Project categories represent different modes:

Active Transportation

Goods Movement

Arterial Roadways

Transit

Community Programs

Freeway

Initial List of Projects & Programs: Sub-Categories

Then, within each category, the projects are grouped by “like projects”:

Category: Active Transportation

Active Transportation

Arterial Roadways

Community Programs

Goods Movement

Transit

Freeway

Active-Transportation Sub-Categories:

1. *Pedestrian & First/Last Mile Improvements*
2. *Bike Routes & Facilities*
3. *Safety & Amenities*
4. *Travel Demand Management*

Initial List of Projects & Programs: Active Transportation

Project Types Include:

Pedestrian & First/Last Mile Improvements

- New pedestrian/bike overcrossings
- New pedestrian/bike pathways
- New pedestrian/bike connections to rail, transit, LA River
- New Crosswalks, sidewalks

Safety & Amenities

- High visibility crosswalks
- Wider sidewalks
- Pedestrian/bike crossing enhancements
- Bike parking, lighting, repair stations
- Bike share programs
- Traffic controls for pedestrians/bikes
- ADA improvements
- Shade structures, trees, landscaping
- Security & lighting

Bike Routes & Facilities

- New Bike Paths/Trails
- New Buffer/Barrier-Protected Bike Routes
- New Bike Lanes
- New, Signed Bike Routes

Travel Demand Management

- Vanpools/carpool programs
- Telecommuting programs
- Promotional Campaigns to encourage Alternative Modes of Travel

Initial List of Projects & Programs: Arterial Roadway

Active Transportation

Arterial Roadways

Community Programs

Goods Movement

Transit

Freeway

Arterial Roadways Sub-Categories:

- 1. Complete Streets*
- 2. General Local / Regional Roadway*
- 3. Signal Coordination / TSM / ITS*
- 4. Traffic Calming*

Initial List of Projects & Programs: Arterial Roadway

Project Types Include:

Complete Streets

- New green spaces, trees, bioswales
- Bike and pedestrian improvements
- Public art
- Signage
- Transit stop amenities (furniture, shelters)
- Operational / safety improvements
- ADA upgrades
- LED street lighting
- Stormwater retention

Traffic Calming

- Speed Reductions
- Speed Bumps
- Truck Restrictions in Neighborhoods
- Roundabouts
- Road Diets
- Stop Signs, Traffic Signals
- Speed Enforcement Cameras
- Flashing Crosswalks
- School Zone Warning Devices

General Local / Regional Roadway

- Stormwater treatment
- Upgrade traffic signals, crosswalks, sidewalks, driveways, curb ramps, etc.
- New/improved bridges
- ADA upgrades
- Intersection Improvements
- Pedestrian circulation and safety
- Streetscape improvements
- Bike and pedestrian improvements
- Roadway widening/realignment

Signal Coordination / TSM / ITS

- Traffic / Ped signal upgrades
- Video camera installation
- Equipment upgrades
- Emergency vehicle priority
- Signage
- Signal Synchronization
- Advanced technologies to manage traffic and to inform traveling public

Initial List of Projects & Programs: Community Programs & Policies

Active Transportation

Arterial Roadways

Community Programs

Goods Movement

Transit

Freeway

Community Programs Sub-Categories:

- 1. Job Creation / Work Opportunities*
- 2. Air Quality / Community Health*
- 3. Environment*
- 4. Housing Stabilization / Land Use*

Initial List of Projects & Programs: Community Programs & Policies

Program Types Include:

Job Creation / Work Opportunities

- Targeted Local Hire
- Employment Recruitment Initiatives
- Vocational Educational Programs
- Economic Stabilization Policies
- Workforce Education & Development
- Partnerships with Employers
- Partnerships with Academic Institutions

Environment

- Greenhouse Gas Emissions Reduction
- Renewable Energy / Solar Power Project
- Urban Greening, Tree Canopy, Green Space
- Greenbelts, Drought Tolerant Planting Parklets
- Habitat Restoration and Connectivity
- Public Art / Aesthetics
- Zero Emissions Infrastructure for Autos

Air Quality / Community Health

- Zero Emission Infrastructure for Autos
- Bus Electrification
- Community Health Benefit Programs
- Air Filters for Schools & Community Facilities
- Environmental Building Improvements
- Health Education / Outreach
- Community Health Screening
- Vegetation Barriers/Buffer Landscaping

Housing Stabilization / Land Use

- Housing / Rent Stabilization Policies
- Anti-Displacement Programs
- Rental Assistance Programs
- Inclusionary Housing
- Transit Oriented Communities
- Homeless Programs
- Partnership with Community Orgs
- Density Bonus Programs
- Community Land Trusts
- Grant Writing Assistance

Initial List of Projects & Programs: Goods Movement

Active Transportation

Arterial Roadways

Community Programs

Goods Movement

Transit

Freeway

Goods Movement Sub-Categories:

- 1. Freight Rail / Goods Movement TDM*
- 2. Ports*
- 3. Truck Programs / ITS*

Initial List of Projects & Programs: Goods Movement

Project Types Include:

Freight Rail / Goods Movement Travel Demand Mgmt.

- On Dock Rail Expansion
- New Inland Port, Greater Use of Freight Rail
- Port Railyard Expansion & Modernization
- Freight Rail Grade Separations

Ports

- Interchange Improvements
- Grade Separations
- Roadway Realignments, Safety, and Landscape Improvements
- Wharf Expansions & Vessel Emission Reductions
- Cargo Operational Efficiencies

Truck Programs / Intelligent Transportation Systems

- Zero Emissions Truck Programs
- Zero Emissions Infrastructure
- Empty Container Management
- Use of Advanced Technologies to Optimize Sequencing of Container Delivery and Pick-Ups to Reduce Congestion near Railyards & Ports

Initial List of Projects & Programs: Transit

Active Transportation

Arterial Roadways

Community Programs

Goods Movement

Transit

Freeway

Transit Sub-Categories:

- 1. High-Capacity Transit (Rail/BRT)*
- 2. Transit Amenities*
- 3. Bus Transit*
- 4. Rail Line / Station Improvements*

Initial List of Projects & Programs: Transit

Project Types Include:

High-Capacity Transit (Rail/BRT)

- New light-rail stations/lines
- Light Rail line Extensions
- Bus Rapid Transit project

Transit Amenities

- Bus shelters and lighting
- Transit security features
- Web app for transit times
- Transit discounts / free passes
- Transit education program
- Customer experience program
- Real time displays
- Transit Cleaning & Maintenance
- Station furniture and shade
- ADA improvements
- Traffic control for pedestrians and bikes

Bus Transit

- Express Service
- Shuttles
- Electric bus charging
- On-demand bus (Micro-Transit)
- Improve bus speeds
- Increased bus frequencies
- Bus Priority Lanes
- Bus electrification projects

Rail Line / Station Improvements

- Station improvements
- Signal prioritization for trains
- Station maintenance
- Pedestrian safety improvements at stations
- Improved bike/ped connections
- Train reliability improvements
- Grade separations for trains

Initial List of Projects & Programs: Freeway

Active Transportation

Arterial Roadways

Community Programs

Goods Movement

Transit

Freeway

Freeway Sub-Categories:

- 1. Congestion Pricing Option*
- 2. Freeway Amenities / ITS*
- 3. Freeway Improvements*
- 4. Zero Emissions Lanes on I-710*

Initial List of Projects & Programs: Freeway

Project Types Include:

Congestion Pricing Option

- Congestion Pricing to charge single occupant vehicles while carpools, buses, zero emissions trucks and zero emissions autos would travel free.

Freeway Improvements

- Interchange Improvements
- Ramp Safety & Redesign
- Auxiliary & Operational Lanes
- Traffic Controls to Protect Bikes / Peds at Freeway Ramps
- Truck Bypass Lanes
- Freeway Lids, Caps, and Widened Bridge Decks to Provide "Greenbelt" Connections over I-710/LA River

Freeway Amenities / ITS

- Particulate Matter Reduction Pilot Project
- Freeway Repair & Safety projects
- Soundwalls
- Drought Tolerant Landscaping

Zero Emissions Lanes on the I-710

- Zero Emission Truck Travel Zone Restrictions
- Zero Emissions Truck Lanes

CLC Comment Period on Revised Initial List

Next Steps and Closing Remarks

Initial List of Projects & Programs: Anticipating the Next Phase

Multimodal Strategies, Projects & Programs

Compile
complete list
of Projects/
Programs

Task Force,
CLC, and WG
review

Revised list of
Initial Projects
/ Programs

Task Force,
CLC, & WG
recs

Bundle
projects for
evaluation

Public feedback throughout

Evaluation Framework

Develop criteria
and performance
measures

Task Force and
CLC feedback

Evaluate bundled projects
by these criteria and
measures

Public feedback throughout

Upcoming Meetings and Project Information

Task Force Meeting

- > Task Force Meeting #17
Monday, February 13, 5-7pm

Community Leadership Committee Meeting

- > Meeting #12
Thursday, February 23, 5-7pm

Working Group Meetings

- > Equity Working Group #10
Thursday, March 2, 5-7pm
- > Zero-Emissions Truck Working Group #13
Tuesday, February 21, 1-3pm

For the most updated list
of meeting dates, please visit
<https://lb-elacorridorplan-lametro.hub.arcgis.com/>

Stay connected to this project



Michael Cano, LA Metro Executive Officer
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Thank you for joining us!



Metro