Update on the Los Angeles County Goods Movement Strategic Plan

LA County Goods Movement Strategic Plan
Metro Technical Advisory Committee
March 4, 2020
LA County Goods Movement By the Numbers

851 miles of State Highways
3,200 miles of County Roads
17,631 miles of City Roads

10th Busiest container port complex in the World
(Ports of Long Beach and Los Angeles)

2 Class I Railroads connecting the Ports of Los Angeles and Long Beach to the rest of the nation

Over 578 million sq. ft. of warehousing space
With over 18,000 warehousing buildings

Nations’ 6th busiest air cargo hub
LA County holds nearly **30%** share of California’s goods movement dependent industries

Close to **86,000** firms

With over **1.3 million** people employed

**Top 5 CA Counties by Number of Goods Movement Dependent Industry Firms, 2015 (in thousands)**

Source: US Census, County Business Patterns, 2015
$10.9 Billion: Sales taxes generated from Retail and Foods Services sectors in LA County in 2017

$1.7 trillion worth of goods moved into, out of, and within the Los Angeles Region in 2017
- $1.02 trillion: Value of goods moved by trucks
- $391 billion: Value of goods moved by multiple modes & mail

78 percent: California communities who depend exclusively on trucks to move their goods

1: California Department of Tax and Fee Administration
2: Federal Highway Administration, Freight Analysis Framework (FAF) 4.5, 2019
3: Smart Freight Center: Caltrans case study in *Developing a Sustainable Urban Freight Plan*
LA County Goods Movement Strategic Plan

Systematic Approach to Explore and Address Key Challenges Facing LA County:  

For example

• How do we ensure economic sustainability and viability?
• Will our transportation system be able to handle demand?
• What are the equity elements that are most impacted by goods movement activities?
• How do we finance new infrastructure and technology?
• What will the needs of the goods movement/supply chain system look like in the future?
Metro’s Coordinated Planning Efforts

- **Vision 2028 Plan**
- **Long Range Transportation Plan**
- **Goods Movement Strategic Plan**

Guided by Metro’s Equity Platform
Stakeholders Are Shaping the Plan

Stakeholders:
• Provide input and feedback throughout the project
• Weigh in on key questions from a variety of perspectives
  ➢ What are the most critical challenges facing LA County?
  ➢ What criteria can we use to evaluate strategies?
  ➢ What should Metro’s role be?
• Vet findings and guide the project team at critical points in the process
Expert Meetings

- Public health
- Equity
- Innovative vehicle technologies
- State of clean emission vehicle technologies
- Workforce development initiatives and research
- Ports (LA, LB, and LAWA)
- Freight railroads and the trucking industry
- Urban freight
- Curbside demand management
Mission and Vision Statement

Metro’s Mission: To provide a world-class transportation system that enhances quality of life for all who live, work, and play within LA County.

Goods Movement Strategic Plan Vision: Metro will become...

> ...a national leader and regional partner in implementing a modern, responsive, resilient, and effective freight transportation system through policies, programs, and projects that support a competitive global economy.

> ...a steward of equitable and sustainable investments and technological innovation that will increase regional economic competitiveness, advance environmental goals, and provide access to opportunity for County residents.
Sustainable Freight Competitiveness

A Framework for LA County

- Strong Labor Force
- Safe and Efficient Multimodal System
- Strong Markets and Reliable Supply Chains
- Culture of Investment and Innovation

Equity and Sustainability
Early Action Initiatives

- Defining equity for goods movement in LA County
- Further research on countywide workforce development in logistics
- Accelerating clean truck initiatives
- Freight rail investment partnership
- Urban delivery and curbside demand management
Further Areas of Study

- Robust economic impacts analysis of goods movement activities
- The 2028 Olympics event logistics planning and coordination
- Development of a countywide platform for future federal transportation funding reauthorization
- Broader deployment of technology-based operational efficiency improvements
Next Steps

- **Jan-Feb**
  - Board Office Outreach
  - Expert consultation

- **March-April**
  - Freight Working Group Meeting #4

- **Late Spring 2020**
  - Draft Plan

- **Early Summer 2020**
  - Additional Outreach

- **Summer 2020**
  - Board consideration of the Final Plan
Thank you!
What Have We Heard so Far?

There is an opportunity for Metro to take a *leadership role* in addressing goods movement issues.

Both *“macro” and “micro”* freight issues are important to consider.

There are freight, passenger, and active transportation *conflicts occurring at the curb*, along highly utilized freight and transit corridors, and in the first/last mile.

The Goods Movement Strategic Plan can be an effective vehicle for *advocating for funding* for LA County.

This plan should lay out a regional vision for goods movement priorities that can be used to *influence state and federal policy*.
What Have We Heard so Far?

LA County should be a test bed for **deployment of innovative technology and clean fuel applications**

There is an opportunity to link together public and private **investment in the regional rail system** to improve both passenger and freight mobility

Freight industry focus could strengthen existing Metro **workforce development** activities

Freight movements present significant **equity concerns**; but freight industry provides **access to opportunity** for many LA County residents