Strategic Transportation Plan

Presented to: ECO-Rapid Transit Board of Directors
Presented by: Gill V. Hicks, Cambridge Systematics, Inc.

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Local Solutions for all Gateway Cities Communities
Leading to a 21st Century Multi-Modal Transportation System

What is the STP?

GATEWAY CITIES JURISDICTIONS

- Artesia
- Avalon
- Bell
- Bellflower
- Bell Gardens
- Cerritos
- Commerce
- Compton
- Cudahy
- Downey
- Hawaiian Gardens
- Huntington Park
- Industry
- La Habra Heights
- La Mirada

ANALYSIS OF TRANSPORTATION MODES TOGETHER

- Lakewood
- Long Beach
- Lynwood
- Maywood
- Montebello
- Norwalk
- Paramount
- Pico Rivera
- Santa Fe Springs
- Signal Hill
- South Gate
- Unincorporated LA County
- Vernon
- Whittier

Local and Regional Arterial Highways

Freeways

Local and Regional Transit

Park & Ride Lots

Active Transportation

Goods Movement & Logistics

Transportation Technologies (ITS)

Truck Enforcement
Local Solutions Leading to a 21st Century Multi-Modal Transportation System

Regional Coordination + Collaboration

Gateway Cities Neighbors
- OCTA
- South Bay Cities COG
- San Gabriel Valley COG
- City of Los Angeles
- Others

Partner Agencies/Stakeholders
- LA Metro
- ECO-Rapid Transit
- Caltrans
- SCAG
- LA County
- Ports of LA & Long Beach
- Others

Strategic Transportation Plan

ALL TRANSPORTATION MODES

Conceptual Design

Air Quality & Public Health

New Technologies

Funding & Financing Strategies

Storm Water Treatment

Goods Movement Facilities & Impacts
Integrate Existing and Planned Freeway and Arterial Highway Projects

**I-405 Corridor**
- Cherry Ave interchange
- MTA express lanes
- Truck enforcement site
- Coordination with Orange County & SBCCOG

**I-405/SR-91/I-605**
- Congestion Hot Spots Feasibility Study
- Project Study Reports

**I-710 Corridor**
- DEIR coordination & update
- Freight corridor
- I-5 interchange
- SR-91 interchange
- Truck enforcement site

**I-5 Corridor Improvements**
- SR-710 North Study
- Arterial Network/Intersections
- Transportation Storm Water Treatment
- Active Transportation

GATEWAY CITIES
Integrate Other Existing and Planned Transportation Projects

1. LOSSAN Rail Corridor + HSR
2. Metrolink Plans
3. Metro Blue & Green Line Plans
4. Park & Ride Lot Expansions  4a New P&R
5. ECO-Rapid Transit
6. Eastside Extension of Gold Line
Integrate Other Subregional Issues and Efforts

Air Quality + Health

- Air Quality Action Plan
- I-710 Air Quality/Health Risk Assessment
- SB 375 Sustainable Communities Strategy

Technology Deployment

- Arterial & Freeway Smart Corridors
- Freight Data Warehouse
- Traveler Information
- Automated Truck Research
- Truck Enforcement
- AB 32
- Zero-Emission Trucks

Drayage dispatchers will have access to freight-focused traveler information resources. Navigation and traffic data vendors will have access to more accurate and timely information. Third party vendors can use the data from the data warehouse to create Apps for their customers.

Drayage drivers will know of traffic conditions at the port before they start their trip via 511 in both English and Spanish. Radio traffic reporters will have access to more accurate information than ever before.

Technology systems within the ports improve efficiency through the Gateway Cities region. An enhanced enforcement network creates a safer environment. Planners can use the data archived in the data warehouse to better plan for goods movement.

Technology Projects

- Air Quality + Health
- Arterial & Freeway Smart Corridors
- Freight Data Warehouse
- Traveler Information
- Automated Truck Research
- Truck Enforcement
- AB 32
- Zero-Emission Trucks
Refine and Include New Projects
*Add to existing project ideas*

**EXAMPLES:**
- Master Plan for Arterial Highways
- Intersection Improvement Projects
- Active Transportation Master Plan
- New Transit & Park-and-Ride Analyses
- Assessments of New Truck and Transportation Technologies Projects
Transit Improvements

• The *Gateway Cities Transit Assessment* Report
• Modeling assumes rapid & express transit service improvements
  – High Speed Rail, Phase I Blended
  – Eco-Rapid Transit
  – Metro Gold Line extension (Washington Blvd)
  – Atlantic BRT
  – Amtrak *Pacific Surfliner*
  – Metro Blue / Green Line
Transit Assessment Findings

• The proposed rapid transit enhancements:
  – Would constitute a 42% increase in seated transit capacity in the Gateway Cities by 2035
  – Could lead to a forecasted 23% increase in transit ridership in the Gateway Cities by 2035
  – Would contribute to auto trip reduction on freeways, but particularly on I-5
    • High Speed Rail, Gold Line extension, etc.
“Maximum Transit” Scenario

- The *Gateway Cities Maximum Transit Scenario Assessment* Report
- Scenario Assumes:
  - All *Transit Assessment* rapid transit projects
  - AND a roughly 68% increase in local/regional bus service frequencies
Maximum Transit Report Findings

- Adding 68% greater local bus service to proposed rapid transit enhancements:
  - Would constitute a 69% increase in seated transit capacity in the Gateway Cities by 2035
  - Could lead to a forecasted 39% increase in transit ridership in the Gateway Cities by 2035
Vehicle Delay Findings (full study area)

**Freeway**
- Max Transit/Max TDM/Connected Vehicles significantly reduces freeway delay (-43%)
- Connected vehicles (-33%) and TDM (-14%) result in significant delay reductions by themselves

**Arterial**
- Max Transit/Max TDM/Connected Vehicles significantly reduces arterial delay (-38%)
- Connected vehicles (-29%) and TDM (-12%) result in significant delay reductions
Developing a unified transportation improvement strategy beginning with local transportation projects building into a subregional, 21st Century multimodal transportation system.

Strategic Transportation Plan - Results

Implementation Strategies
- Cost-Effective
- Backed by Research
- Focus on Benefits
- Project Readiness

Access to Funds
- Identify $ Sources
- Position Subregion
- Leverage Existing Resources

Achieve Local Goals
- Improve Quality of Life
- Strengthen Economy
- Reduce Roadway Congestion
- Improve Air Quality & Health

Results
Project Readiness
Thank You!