

Metro Countywide Significant Arterial Network (CSAN)

Planning and Programming Committee
February 14, 2007

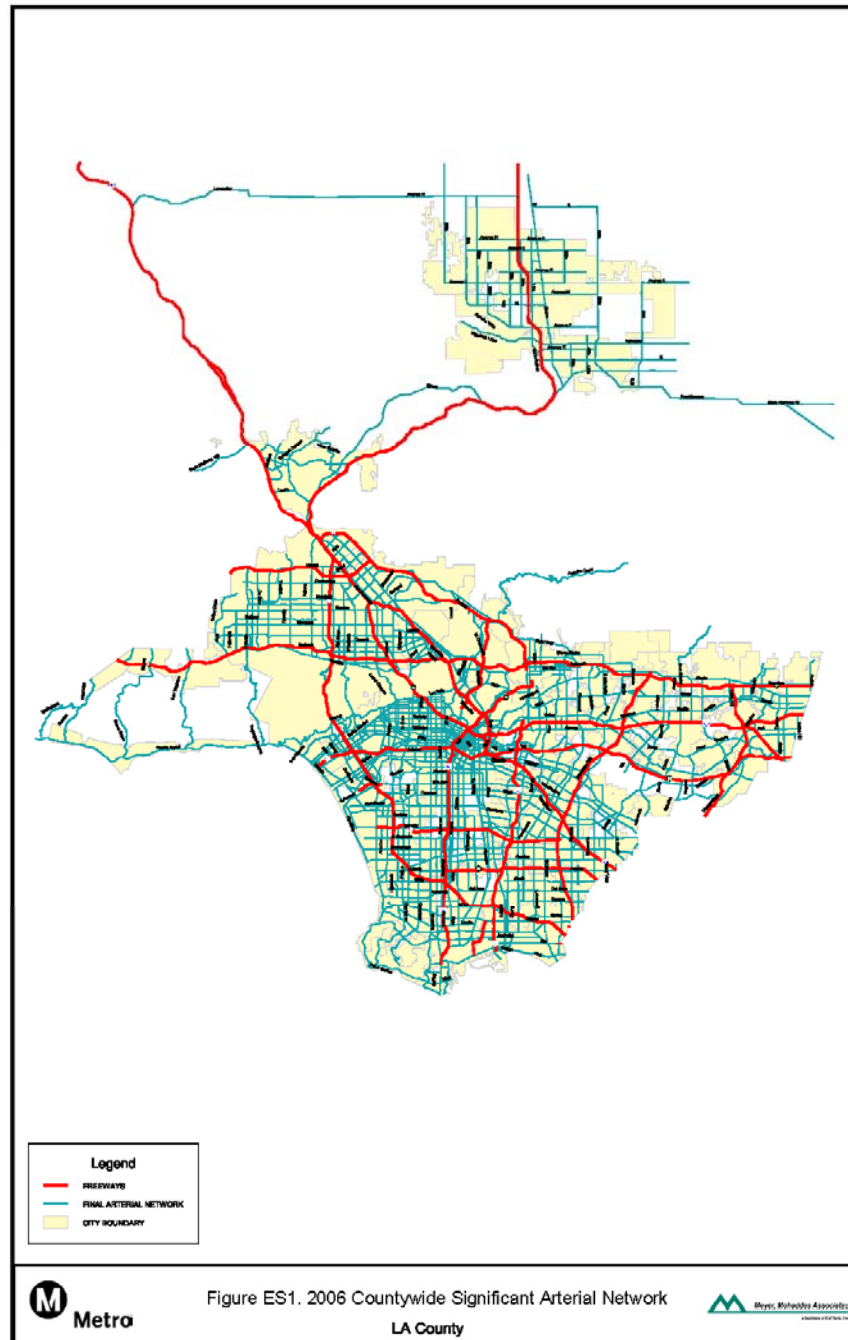


Metro

Purpose

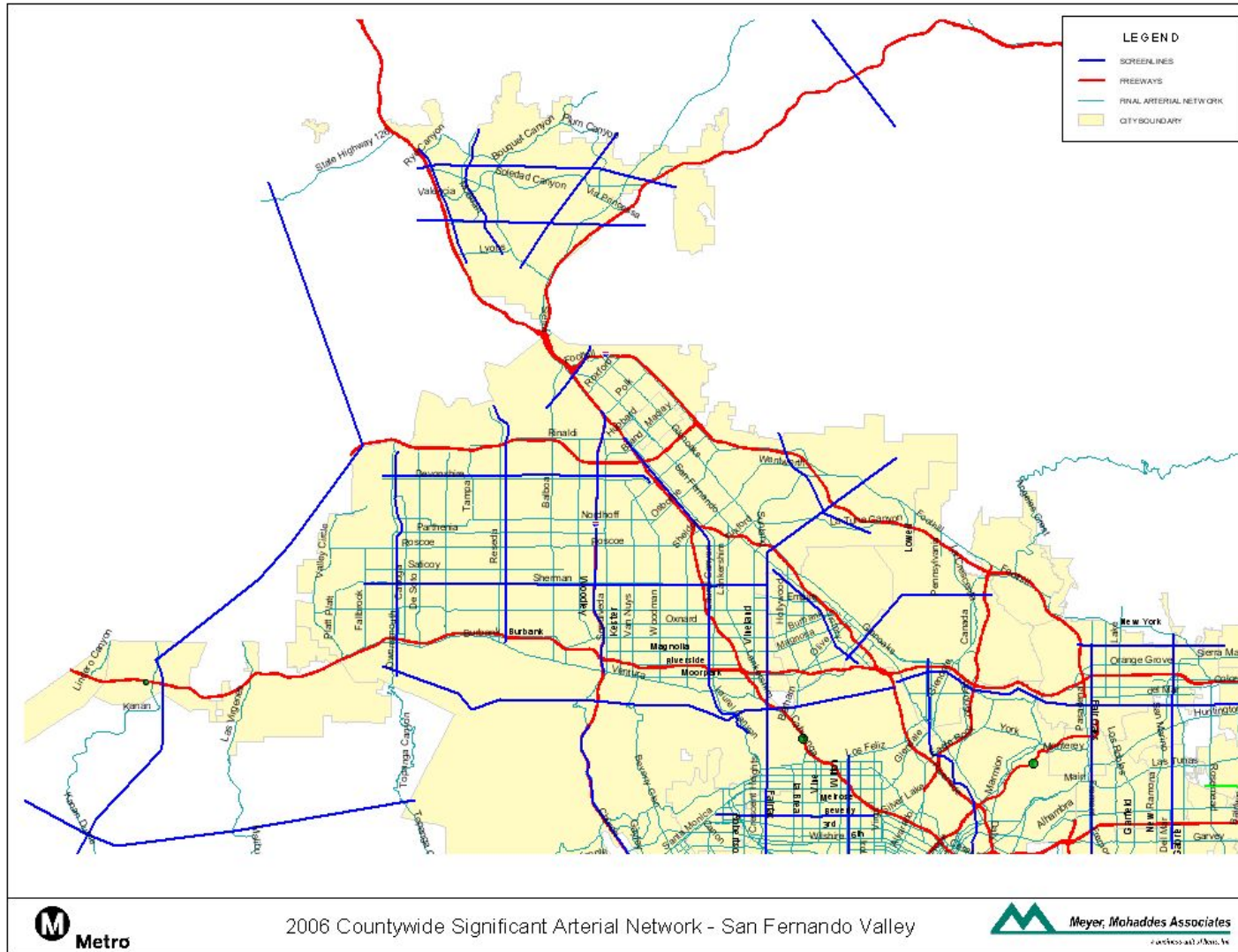
- Assess the performance of the regional arterial system
- Provide a planning tool for:
 - Multi-modal policy formulation
 - Assisting local jurisdictions in the identification of regional priorities for the Call for Projects
 - Validation of the Travel Demand Model

2006 Countywide Significant Arterial Network



- 1,901 miles of Principal Arterials (68%)
- 759 miles of Minor Arterials (27%)
- 143 miles of Collector Roadways (5%)

CSAN – San Fernando Valley



Primary Selection Criteria

Baseline Criteria	Data Source	Discussion/Example	Tier
FHWA/Caltrans Functional Classification	Caltrans	All Principal (Urban and Rural) Arterials in FHWA System	PRIMARY SELECTION CRITERIA
CMP Roadways	Metro	All non-freeway CMP routes to be included	
Regional Transit Routes	Metro	Certain level and above (e.g. 20,000+ boardings)	
Traffic Volumes	Local agencies/ HPMS	All arterials with a volume threshold of at least 25,000 ADT	
Goods Movement Significance	Metro/ Cities	Designated truck routes and arterials with heavy duty truck volumes over 1,000 and 4% of total ADT	
Number of Lanes	Local agencies	All arterials with a minimum of 3-lanes in each direction	

Secondary (Refinement) Selection Criteria

#	Baseline Criteria	Data Source	Discussion/Example	Tier
7	Direct Access to Freeways	Caltrans	All routes with Freeway Interchanges or grade separations	SECONDARY SELECTION CRITERIA FOR SYSTEM REFINEMENT
8	Traffic Operations and Significance in ITS Master Plan	Metro/ City of LA/ LA County	Part of "smart corridor", on ATSAC/ATCS system, above a certain signal density, part of IEN- Information Exchange Network Traffic Forums, etc.	
9	Multi-jurisdictional Connectivity and Continuity	Metro	Number of cities crossed and longer than a certain defined length	
10	Use as a Freeway Alternate	Visual	Continuity and proximity, congestion	
11	Multi-modal Corridors	Metro	LRT, BRT, Busway, express bus routes, bikeways	
12	Major Activity Centers	GIS/Land Use	Major access route to airports, sea ports, regional employment centers, transit centers, visitor/tourist centers	
13	Network Spacing Needs	Visual	To maintain a certain minimum spacing between designated routes	
14	Gap Closures	Visual	Completes gaps between Other designated routes	
15	Connectivity with Adjacent Counties	Visual	Routes that provide major connections with adjacent counties and their CMP system	

Recommendations

- Working Group continue as an advisory body and meet on an as-needed basis
- Arterial performance data be collected every 2 years
- Arterial network be evaluated and updated as appropriate every 2 years
- Changes made to the network or criteria be submitted to the Working Group for concurrence

Next Steps

- Performance monitoring component will undergo technical refinements
- Data collection system will be tested
- Countywide traffic data collection will be budgeted in FY 08