



# I want a mobile future.

2009 Long Range Transportation Plan

Supplement 1 – Strategic Plan

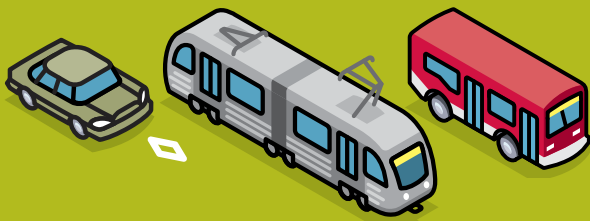


**Metro**<sup>®</sup>

MAY 2010



## Supplement 1 – Strategic Plan

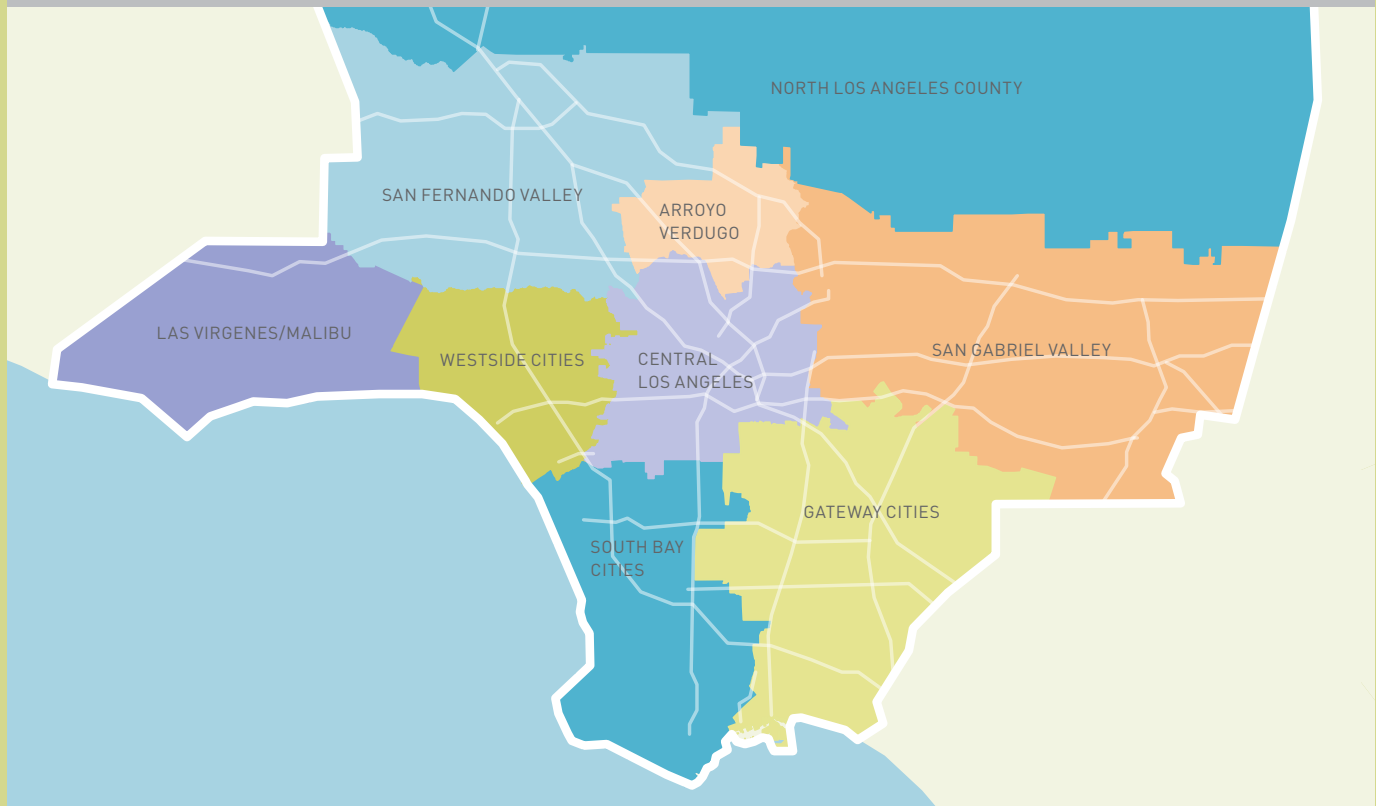


The Strategic Plan of the Long Range Transportation Plan identifies promising, regionally significant highway and transit projects that could be implemented if additional funding becomes available.

On October 22, 2009, the Metro Board adopted the 2009 Long Range Transportation Plan (Plan). The 2009 Plan assesses transportation needs and funding availability over the next 30 years, providing transportation project and program recommendations through 2040. At their December 10, 2009 meeting, the Metro Board approved a motion requesting that the subregions be allowed to review the 2009 Plan's Strategic Plan (unfunded projects) and provide recommendations for updating the Strategic Plan list. The purpose of the Strategic Plan is to identify promising, regionally significant highway and transit projects that could be implemented if additional funding becomes available.

Metro staff contacted the subregions and invited them to submit Strategic Plan recommendations. The subregions reviewed the Strategic Plan highway and transit lists, and provided Metro with additional projects that they recommended for incorporation into the Strategic Plan. At their May 27, 2010 meeting, the Metro Board approved the subregion's recommendations. This Supplement serves to incorporate the newly adopted Strategic Plan projects into the 2009 Plan.

## Los Angeles County Subregions



For planning purposes, Los Angeles County is comprised of nine subregions which are based generally on the existing Councils of Government (COGs) boundaries.

The subregions are illustrated above and include:

- > Arroyo Verdugo Cities
- > Central Los Angeles
- > Gateway Cities
- > Las Virgenes/Malibu
- > North Los Angeles County
- > San Fernando Valley
- > San Gabriel Valley
- > South Bay Cities
- > Westside Cities

Please refer to the Technical Document of the 2009 Plan for a detailed discussion on the subregions.

The new Strategic Plan projects contained in this Supplement are organized by modal category, subregion, and project name. The modal categories are: Public Transit, Highway, and Other. The Other modal category contains projects submitted by some subregions beyond the requested Highway and Transit categories. These projects are generally in the following modes: Arterials, Signal Synchronization, Intelligent Transportation Systems (ITS), Grade Separations, and Bike Paths. The new Strategic Plan projects are summarized in the following tables.

## Transit

## SUBREGION

## DESCRIPTION – IF PROVIDED BY SUBREGION

## Arroyo Verdugo COG

North-South Rail Corridor (Arroyo Verdugo COG)	Between port communities of Los Angeles/Long Beach and Arroyo Verdugo Subregion-alternative to SR-710 Tunnel Option
Downtown Burbank to Hollywood Bus Rapid Transit (BRT) (Burbank/Glendale)	Via Burbank Media District and Universal City
Metro Orange Line Extension (Burbank/Glendale)	To Bob Hope Airport
SR-134 Transit Corridor BRT Project (Arroyo Verdugo COG/ Burbank/Glendale)*	

## City of LA

Blue Line Extension to California State University Long Beach	
Crenshaw Light Rail Transit North from Exposition Bl	
Gold Line Foothill Extension from Azusa to Los Angeles/Ontario International Airport (ONT)	
Green Line from Green Line South Terminus at Torrance to San Pedro, Long Beach, and Los Angeles/Orange County Line	
Green Line Norwalk Terminus to Metrolink/Norwalk/ Santa Fe Springs High Speed Rail Station*	
Harbor Subdivision (Crenshaw Bl to Downtown Los Angeles)*	
I-405 Corridor North (Ventura Bl/Orange Line to North-East San Fernando Valley/Sylmar Metrolink Station)	
Red Line North Hollywood Station to Sylmar Metrolink Station Connection	
Vermont South Subway*	
Glendale – Downtown Los Angeles Corridor*	
I-405 Corridor South (UCLA/Westwood to LAX)	
I-605 North-South Corridor from San Gabriel Valley to Los Angeles/Orange County Line	
SR-134 East-West Corridor Connecting North Hollywood, Burbank, Glendale and Pasadena*	
West Los Angeles County/West San Fernando Valley to West Los Angeles Direct Connection	

## Gateway Cities COG

City of Long Beach Eastern Transit Corridor Connection	Downtown to Metro Blue Line
Extension of Metro Gold Line Eastern Extension	Whittier terminus to Orange
Orangeline Project Extension	Beyond West Santa Ana Branch Right of Way to Union Station

## North County Transportation Coalition

Orangeline High Speed Transit System	Extension of West Santa Ana Branch from Union Station to Palmdale
--------------------------------------	---

## Westside COG

Westside Subway Extension (beyond segment funded by Measure R)*	
---	--

\* Project previously identified in 2009 Long Range Transportation Plan Strategic Unfunded Plan

## 2009 Long Range Transportation Plan Strategic Plan

### Highway

#### SUBREGION

#### DESCRIPTION — IF PROVIDED BY SUBREGION

#### Arroyo Verdugo COG

I-210 Soundwalls from Berkshire Av to Ocean View Bl  
(Arroyo Verdugo COG/La Cañada Flintridge)\*

Alternative to SR-710 Tunnel (Burbank/Glendale/La Cañada Flintridge)

SR-134/I-210 Interchange Improvements (Arroyo Verdugo COG/  
La Cañada Flintridge)

#### City of LA

Countywide High Occupancy Toll Lanes Network

I-110 High Occupancy Vehicle (HOV) Viaduct from Adams Bl  
to Union Station

I-405 Direct HOV Connector to LAX

#### Gateway Cities COG

Additional SR-91/I-605/I-405 Solutions (beyond identified hot spots) Including integration with Orange County

I-5 Corridor\* I-605 to I-710

I-710 Freight Movement Corridor Beyond I-5

#### Las Virgenes-Malibu COG

Add HOV lane on US-101 from Route 23 to Topanga Canyon\*

#### San Gabriel Valley COG

I-10 to SR-57 WB Connector Truck Climbing Lane and Off-Ramp

I-10/605 Interchange Upgrade – NB I-605 to WB I-10 Connector  
(partial funding through Prop. 1B)\*

I-10/I-605 Partial HOV Interchange\*

I-605 HOV – I-10 to I-210\*

Route 39 to Route 2 Connection

SR-57 HOV – I-60 to I-210\*

SR-60 HOV – US-101 to I-605\*

SR-60/I-605 Interchange Improvements

SR-60/I-605 Partial HOV Interchange\*

#### Westside COG

I-10/Robertson/National Area Circulation Improvement Improve bottleneck traffic on I-10 and around future  
Expo Venice/Robertson Station

\* Project previously identified in 2009 Long Range Transportation Plan Strategic Unfunded Plan

## All Other Modes

SUBREGION	MODE	DESCRIPTION
<b>Arroyo Verdugo COG</b>		
Regionally significant local bicycle projects	Bikes	
<b>Arroyo Verdugo (Burbank)</b>		
Regional Intermodal Transit Center	Transit Center	Near Bob Hope Airport
<b>County of LA</b>		
Admiralty Wy Widening	Arterial	Admiralty Wy Widening from Via Marina to Fiji Wy
Avenue L & K et al.	Arterial	Widening between 40th St and 50th St
Aviation Bl Widening Project	Arterial	Aviation Bl widening project from Imperial Highway to Rosecrans Av
Castaic Cutoff (New Road)	Arterial	Lake Hughes Rd/San Francisquito Canyon Rd
Colima Rd – Halliburton Rd/City of Diamond Bar City Boundary	Arterial	Road Widening
Colima Rd at Fullerton	Arterial	Intersection Improvements; Colima Rd at Fullerton
Del Amo Bl	Arterial	Construction of a roadway to close the gap on Del Amo Bl between Normandie Av and Vermont Av
Fullerton Rd at Pathfinder Rd	Arterial	Intersection Improvements
Gale Av Widening	Arterial	Widen from four to six lanes from Fullerton Rd to Nogales St at Gale Av
Hacienda Bl at Gale Av	Arterial	Intersection Improvements
I-5 Lake Hughes Rd	Arterial	Intersection Improvements and widening to provide additional lanes on East Bound and West Bound Approaches
I-5 Parker Rd	Arterial	Intersection Improvements including bridge widening and lane additions
SR-90 Extension to Admiralty Wy	Arterial	Extension from Lincoln Bl to Admiralty Wy
The Old Road	Arterial	From Hillcrest Pkwy to Lake Hughes Rd
Tunnel Lining Projects	Arterial	Malibu/Kanan Dume Tunnel Lining Projects
All Regional Bike Trail Projects Identified in Metro's Bike Trail Strategic Plan (BTSP)	Bike Path	
Arroyo Seco Bike Trail	Bike Path	Bike Trail Class 1 Facility/Connector from Avenue 26 to San Fernando Rd
Compton Creek Bike Trail	Bike Path	Bike Trail Class 1 Facility/Connector between Del Amo Bl and LA River Bike Trail
Dominguez Channel Bike Trail	Bike Path	Bike Trail Class 1 Facility/Connector between Vermont Av to Western Av
Dominguez Channel Bike Trail	Bike Path	Bike Trail Class 1 Facility/Connector from Main St to Wilmington
San Jose Creek Bike Trail Phase 2B	Bike Path	Bike Trail Class 1 Facility/Connector between the San Gabriel River Bike Trail and the San Jose Creek Bike Trail

## All Other Modes

SUBREGION	MODE	DESCRIPTION
<b>County of LA</b>		
Avenue S over SCRRRA (west of Sierra Hwy)	Grade Separation	Avenue S over SCRRRA (west of Sierra Hwy)
El Segundo Bl over UPRR and Metro at Willowbrook Av	Grade Separation	El Segundo Bl over UPRR and Metro at Willowbrook Av
Fullerton Rd under UPRR (at Gale Av)	Grade Separation	Fullerton Rd under UPRR (at Gale Av)
Sierra Hwy/Barrel Springs Rd under SCRRRA	Grade Separation	Sierra Hwy/Barrel Springs Rd under SCRRRA
SR-126/Commerce Center Dr	Grade Separation	Widening and Interchange Reconfiguration
Gateway Cities Forum ITS	ITS	
San Fernando Valley Forum ITS	ITS	
San Gabriel Valley Forum ITS	ITS	
South Bay Forum ITS	ITS	
1st St	Signal Synch	Indiana St to Mednik Av
Alameda St	Signal Synch	Slauson Av to Nadeau St
Amar Rd/Temple Av	Signal Synch	Nogales St to Golden Springs Dr
Anza Av	Signal Synch	190th St to Pacific Coast Hwy
Arroyo Pkwy	Signal Synch	Colorado Bl to Glenarm St
Atlantic Bl/Atlantic Av	Signal Synch	Pine St to Pacific Coast Hwy
Baldwin Av	Signal Synch	Foothill Bl to I-10
Barranca Av/Barranca St	Signal Synch	Sierra Madre Av to Cameron Av
Base Line St	Signal Synch	Foothill Bl to County Line
Beverly Bl	Signal Synch	Pomona St to Painter Av
Bloomfield Av	Signal Synch	Rosecrans Av to Del Amo Bl
Bouquet Canyon Rd	Signal Synch	Plum Canyon Rd to Soledad Canyon Rd
Broadway	Signal Synch	124th St to 157th St
Citrus Av	Signal Synch	Foothill Bl to Arrow Hwy
City Terrace Dr	Signal Synch	Indiana St to Eastern Av
Colorado Bl	Signal Synch	Orange Grove Bl to Michillinda Av
Colorado St	Signal Synch	Michillinda Av to Colorado Pl
Compton Av	Signal Synch	Slauson Av to 92nd St
Compton Av	Signal Synch	Imperial Hwy to El Segundo Bl
Del Amo Bl	Signal Synch	Avalon Bl to Bloomfield Av
Diamond Bar Bl/Mission Bl	Signal Synch	Brea Canyon Rd to County Line
Duarte Rd	Signal Synch	San Gabriel Bl to Highland Av
E Victoria St	Signal Synch	Santa Fe Av to Susana Rd
El Segundo Bl	Signal Synch	Broadway to N Central Av

## 2009 Long Range Transportation Plan Strategic Plan

### All Other Modes

SUBREGION	MODE	DESCRIPTION
<b>County of LA</b>		
Floral Av	Signal Synch	Eastern Av to Mednik Av
Foothill Av	Signal Synch	Lowell Av to Briggs Av
Fremont Av	Signal Synch	Columbia St to Garvey Av
Garey Av	Signal Synch	College Wy to SR-60
Garfield Av	Signal Synch	Pine St to Olympic Bl
Garvey Av	Signal Synch	Rosemead Bl to Durfee Av
Grand Av	Signal Synch	Rowland St to Longview Dr
Hasley Canyon Rd/Commerce Center	Signal Synch	Burlwood Dr to I-5
Hawthorne Bl	Signal Synch	104th St to Manhattan Beach Bl
Hawthorne Bl	Signal Synch	244th St to Palos Verdes Dr West
Hooper Av	Signal Synch	Slauson Av to 92nd St
Huntington Dr/Foothill Bl/Alostia Av	Signal Synch	Fair Oaks Av to County Line
Imperial Hwy	Signal Synch	Mona Bl to 1st Av
Indian Hill Bl	Signal Synch	American Av to Holt Av
Inglewood Av	Signal Synch	104th St to 111th Pl
Irwindale Av	Signal Synch	Foothill Bl to Arrow Hwy
Irwindale Av	Signal Synch	Badillo St to Cameron Av
La Brea Av	Signal Synch	Centinela Av to Century Bl
La Crescenta Av	Signal Synch	Orange Av to I-210
Lambert Rd	Signal Synch	Washington Bl to Grayling Av
Laurel Park Rd	Signal Synch	E Victoria St to Alameda St
Leffingwell Rd	Signal Synch	Imperial Hwy to Valley View Av
Lennox Bl	Signal Synch	Inglewood Av to Freeman Av
Lone Hill Av	Signal Synch	Route 66 to Covina Bl
Lyons Av	Signal Synch	Wiley Canyon Rd to Newhall Av
Main St	Signal Synch	El Segundo Bl to Redondo Beach Bl
Manchester Av	Signal Synch	Hooper Av to Ivy St
Manhattan Beach Bl	Signal Synch	Manhattan Av to Van Ness Av
McBean Pkwy/Stevenson Ranch Pkwy	Signal Synch	Copper Hill Dr to The Old Road
Miramonte Bl	Signal Synch	76th St to 83rd St
Mission Rd	Signal Synch	Winchester Av to Santa Anita St
Montebello Bl/Greenwood Av	Signal Synch	Paramount Bl to Union St
Montrose Av	Signal Synch	Florencita Av to Del Mar Rd
Mountain Av	Signal Synch	Foothill Bl to Duarte Rd



## 2009 Long Range Transportation Plan Strategic Plan

### All Other Modes

SUBREGION	MODE	DESCRIPTION
<b>County of LA</b>		
Myrtle Av/Peck Rd/Workman Mill Rd/Norwalk Bl/San Antonio Bl/ Pioneer Bl	Signal Synch	Huntington Dr to Carson St
Nadeau St	Signal Synch	Hooper Av to Santa Fe Av
Normandie Av	Signal Synch	89th St to El Segundo Bl
Norwalk Av	Signal Synch	Rosecrans Av to Carson St/Wardlow Rd
Oceanview Bl	Signal Synch	Foothill Fwy to Florencita Av
Olympic Bl	Signal Synch	Indiana St to Concourse Av
Pacific Bl	Signal Synch	Live Oak St to Broadway
Pennsylvania Av	Signal Synch	Orange Av to I-210
Pico Canyon Rd	Signal Synch	Dead Horse Cyn to I-5
Prairie Av	Signal Synch	118th St to Redondo Beach Bl
Ramona Bl/Badillo St/Covina Bl	Signal Synch	Santa Anita Av to I-210
Ramsdell Av	Signal Synch	Orange Av to Montrose Av
Redondo Beach Bl/Compton Bl/Somerset Bl	Signal Synch	Freeman Av to Woodruff Av
Rosecrans Av	Signal Synch	Broadway to Mercado Av
Rosemead Bl	Signal Synch	San Gabriel Bl to Huntington Dr
Rosemead Bl	Signal Synch	Rush St to Telegraph Rd
Rosemont Av	Signal Synch	Foothill Bl to Montrose Av
Rye Canyon Rd/Copper Hill Rd	Signal Synch	The Old Road to McBean Pkwy
San Dimas Av	Signal Synch	Foothill Bl to Via Verde
San Pedro St	Signal Synch	El Segundo Bl to 157th St
Santa Anita Av	Signal Synch	Foothill Bl to Durfee Av
Santa Fe Springs Rd/Bloomfield Av	Signal Synch	Whittier Bl to Firestone Bl
Seville Av	Signal Synch	Grand Av to Broadway
Slauson Av	Signal Synch	Compton Av to Stamy Rd
Soledad Canyon Rd	Signal Synch	Golden Oak Rd to Gateton Rd
South St	Signal Synch	Atlantic Av to Carmenita Rd
Stevenson Ranch Pkwy	Signal Synch	Pico Cyn to I-5
Susana Rd	Signal Synch	Victoria St to Del Amo Bl
Telegraph Rd	Signal Synch	Eastern Av to Springview Dr
Temple City Bl	Signal Synch	Duarte Rd to I-10
The Old Road	Signal Synch	Hasley Cyn to Pico Cyn

## All Other Modes

SUBREGION	MODE	DESCRIPTION
<b>County of LA</b>		
Towne Av	Signal Synch	Base Line Rd to SR-60
Union Pacific Av	Signal Synch	Indiana St to Marianna Av
Valley Bl	Signal Synch	Temple City Bl to Durfee Av
Valley View Av	Signal Synch	Leffingwell Rd to Firestone Bl South
Washington Bl	Signal Synch	Grand Vista Av to Sorensen Av
Western Av	Signal Synch	104th St to 111th St
White Av	Signal Synch	Foothill Bl to Lexington Av
Whittier Bl	Signal Synch	Indiana St to Paramount Bl
Willow St	Signal Synch	I-710 to I-605
Willowbrook Av	Signal Synch	124th St to Stockwell St
<b>Gateway Cities COG</b>		
Alameda St	Arterial	
Alondra Bl	Arterial	
Artesia Bl	Arterial	
Atlantic Bl	Arterial	
Bellflower Bl	Arterial	
Del Amo Bl	Arterial	
Firestone Bl	Arterial	
Garfield Bl	Arterial	
Imperial Hwy	Arterial	
Lakewood Bl/Rosemead Bl	Arterial	
Long Beach Bl	Arterial	
Norwalk Bl	Arterial	
Paramount Bl	Arterial	
Pacific Coast Hwy	Arterial	
Rosecrans Bl	Arterial	
Washington Bl	Arterial	
Whittier Bl	Arterial	

## All Other Modes

SUBREGION	MODE	DESCRIPTION
<b>North County Transportation Coalition</b>		
50th St East Connector	Arterial	E-220 to SR-138/Palmdale Bl Roundabout
Avenue G Corridor Improvements	Arterial	Interchange improvements between SR-14 and 25th St for access to William J. Fox Airport
Columbia Wy/Avenue M Corridor Improvements	Arterial	Capacity and interchange improvements at SR-14 from 10th St W to 15th St W, serving major industrial centers and Courthouse
Pearblossom Hwy Improvement Project	Arterial	Corridor improvements between SR-14 and SR-138 to commuter/trucking route
Rancho Vista Bl Grade Separation	Arterial	Provides access to Palmdale Regional Airport and connection to E-220
SR-126 Commerce Corridor Improvement Project	Arterial	Intersection improvements and widening between Commerce Ctr Dr and County Line
Tierra Subida Av/10th St W Improvement Project	Arterial	Capacity improvements between SR-14/10th St W and SR-14/Av S
<b>South Bay Cities COG</b>		
South Bay Pacific Coast Hwy Intersection & Operational Improvements	Arterial	
<b>South Bay Cities COG</b>		
Aviation Bl/Rosecrans Av Grade Separation	Grade Separation	Grade separate Aviation Bl under Rosecrans Av for free-flow north-south movements via tunnel and at-grade east-west movements at signalized intersection

**Los Angeles County**  
**Metropolitan Transportation Authority**  
One Gateway Plaza  
Los Angeles, CA 90012-2952



**Metro**<sup>®</sup>