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MEASURE M

THE LOS ANGELES COUNTY TRAFFIC IMPROVEMENT PLAN

Information Guide



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The Metro Board of Directors has approved placing a sales tax ballot measure, titled the Los Angeles County Traffic Improvement Plan, on the November 8, 2016, ballot. Voters will be asked:

"To improve freeway traffic flow/safety; repair potholes/sidewalks; repave local streets; earthquake-retrofit bridges; synchronize signals; keep senior/disabled/student fares affordable; expand rail/subway/bus systems; improve job/school/airport connections; and create jobs; shall voters authorize a Los Angeles County Traffic Improvement Plan through a ½ ¢ sales tax and continue the existing ½ ¢ traffic relief tax until voters decide to end it, with independent audits/oversight and funds controlled locally?"

Why is Metro proposing Measure M?

Angelenos spend an average of 81 hours a year stuck in traffic. Currently, there are 10.2 million people living in LA County, and we are projected to grow by 2.3 million people in the next 40 years. Traffic congestion and air pollution are expected to get worse with more growth, and the measure is intended to raise money to meet those needs.

Accountability Provisions of the Measure

Measure M includes provisions establishing an independent oversight process including a Taxpayer Oversight Committee and annual audits.

GOALS OF MEASURE M

- **Ease traffic congestion,** improve freeway traffic flow, and reduce bottlenecks.
- **Expand rail and rapid transit system;** accelerate rail construction and build new rail lines; enhance local, regional, and express bus service; and improve system connectivity.
- **Repave local streets, repair potholes, and synchronize signals;** improve neighborhood streets and intersections, and enhance bike and pedestrian connections.
- **Make public transportation more accessible, convenient, and affordable for seniors, students, and the disabled;** and provide better mobility options for our aging population.
- **Earthquake-retrofit bridges,** and keep the transit and highway system safe and in good working condition.
- **Embrace technology and innovation;** incorporate modern technology, new advancements, and emerging innovations into the local transportation system.
- **Create jobs, reduce pollution, and generate local economic benefits;** increase personal quality time and overall quality of life.
- **Provide accountability and transparency;** protect and monitor the public's investments through independent audits and oversight.

IMPACTS OF MEASURE M

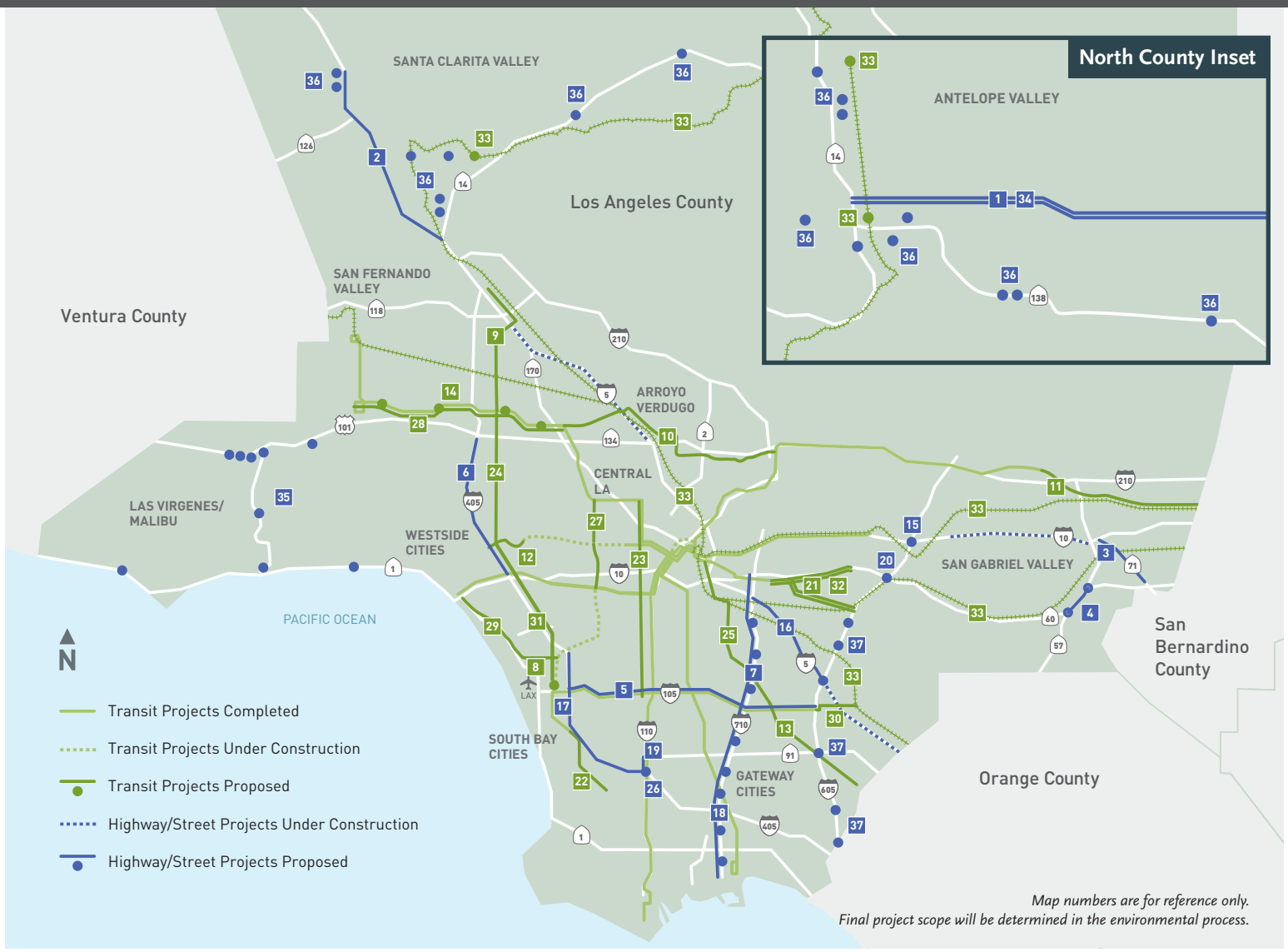
Measure M is expected to generate an estimated **$860 million** a year in 2017 dollars.

Based on the latest economic forecast by the Los Angeles County Economic Development Corporation, the Los Angeles County Traffic Improvement Plan would add **465,690 new jobs** across the region.

The proposed projects will be built over a 40-year period.



MEASURE M HIGHWAY AND TRANSIT PROJECTS *(Project descriptions on back)*



OTHER PROGRAMS *(Funding over 40 years)*



Bus & Rail Operations
$29.9 Billion
(Metro and other city bus service, such as Big Blue Bus, Long Beach Transit, Foothill Transit, etc.)



Local Street Improvements
$22.5 Billion
(Street/pothole repairs, signals, etc.)



State of Good Repair
$2.4 Billion
(Keeping the system in good working condition)



Programs for Students, Seniors and the Disabled
$2.4 Billion
(Keeping fares affordable)



Bike & Pedestrian Connections to Transit
$2.4 Billion
(Including *Safe Routes to School*)



Regional Rail
$1.9 Billion
(Metrolink)

THE LOS ANGELES COUNTY TRAFFIC IMPROVEMENT PLAN PROJECT LIST

HIGHWAY/STREET PROJECTS

2 I-5 Truck and Carpool Lane Additions: SR-14 Interchange to Lake Hughes Rd
Adds one truck lane and one carpool lane in each direction, while maintaining existing general purpose lanes.

3 SR-71 Lane Additions: I-10 to Rio Rancho Rd
Adds three additional miles of SR-71 general purpose lanes in each direction, providing three continuous lanes in each direction to eliminate bottlenecks and improve traffic flow in sections where only two lanes exist today.

4 SR-57/SR-60 Interchange Improvements
Two miles of freeway, on-ramp, auxiliary lane, and street widening improvements in the vicinity of Grand Av and Golden Springs Dr.

5 I-105 ExpressLane Additions: I-405 to I-605
Creates two additional ExpressLanes, totaling 16 miles, while maintaining current general purpose lanes in each direction.

6 Sepulveda Pass Express Bus Transit Corridor
Adds two ExpressLanes in each direction along the I-405 from I-10 to US-101, while maintaining current general purpose lanes, to provide express bus service connecting the San Fernando Valley to Westwood.

7 I-710 South Corridor Zero Emission Truck Lane Additions: Long Beach to Commerce
18
Adds two Zero-Emission truck lanes in each direction, for a total of 18 miles, while maintaining current general purpose lanes. The project includes improvements to the Shoemaker Bridge.

15 I-605/I-10 Interchange Improvements
Interchange improvements in all directions (north, south, east and west).

16 I-5 South Corridor Lane Additions: I-605 to I-710
Adds one general purpose lane and one carpool lane in each direction, for a total of seven miles. When complete, there will be a total of five general purpose lanes and one carpool lane in each direction.

17 I-405 South Bay Curve Bottleneck Improvements
Adds segments of auxiliary lanes in each direction to improve traffic flow at on-/off-ramps for ten miles from Florence Av to I-110.

19 I-110 ExpressLanes Extension to I-405/I-110 Interchange
Extends the existing I-110 ExpressLanes southward one mile to I-405, while maintaining current general purpose lanes.

20 SR-60/I-605 Carpool Interchange Improvements
Improves interchanges from I-605 Rose Hills to I-10 and SR-60 from Santa Anita to Turnbull Canyon. Includes: new auxiliary lanes, wider lanes and bridges, interchange connectors, and ramp improvements.

26 I-405/I-110 ExpressLane Interchange Improvements
Provides ramps that directly connect the ExpressLanes on the I-110 and I-405.

34 High Desert Multi-Purpose Corridor: SR-14 to SR-18
1
Builds the Los Angeles County portion of a new freeway and toll lanes with parallel rail/transit service and a bikeway to connect cities in the Antelope and Victor Valleys, including Palmdale and Lancaster.

35 Las Virgenes/Malibu Transportation Improvements
Various local street improvements to eliminate bottlenecks and improve traffic flow to/from adjacent freeways/major highways (i.e. 101, PCH) and connections to local communities.

36 North County Transportation Improvements
Various street improvements, including street and bridge widenings, to eliminate bottlenecks and improve traffic flow to/from adjacent freeways/highways (i.e. 138, 14) and connections to local communities. Also includes local transit projects, such as improved Metrolink Commuter Rail stations, rail crossings, and enhanced bus service.

37 I-605 Corridor "Hot Spot" Interchange Improvements
Improvements to various interchanges along the I-605 freeway to eliminate bottlenecks and improve traffic flow at on-/off-ramps from the Orange County Line to the SR-60 Freeway.

TRANSIT PROJECTS

8 Airport Rail Connector and Green Line Rail Extension
Connects Metro Green Line Rail, Crenshaw/LAX Line Rail, and Metro and municipal bus service to the Los Angeles International Airport (LAX) via the LAX Automated People Mover.

9 East San Fernando Valley Transit Corridor
A 9.2-mile high-capacity transit project with 14 stations connecting the Orange Line Van Nuys station to the Sylmar/San Fernando Metrolink Station.

10 Orange Line BRT Connector to Gold Line Rail
A 15.3-mile Bus Rapid Transit line from North Hollywood Orange/Red Line Rail Station to the Gold Line Rail in Pasadena. The project could be converted to a rail service at a later date if ridership demand outgrows the bus rapid service capacity.

11 Gold Line Rail Extension: Foothill to Claremont
Extends Gold Line Rail 11 miles and adds five stations from Citrus College Station to the Claremont Metrolink Station; linking Glendora, San Dimas, La Verne, Pomona, and Claremont.

12 Purple Line Rail Subway Extension: Century City West to Westwood/VA Hospital
Extends Purple Line Rail Subway 2.5 miles along Wilshire Bl by two stations, from Century City West to Westwood/VA Hospital; connects the Sepulveda Pass underground via the Westwood/UCLA Station.

13 West Santa Ana Light Rail Corridor: Union Station to City of Artesia
25
New 20-mile light rail line from the City of Artesia to Union Station.

14 Orange Line BRT Improvements
Enables Orange Line Bus Rapid Transit buses to bypass several key intersections to improve bus speeds and passenger travel times.

21 Gold Line Eastside Rail Extension
32
Extends Gold Line Rail east from Atlantic Station. Two alignments are planned for construction, one along SR-60 to South El Monte and the other along Washington Bl to Whittier.

22 Green Line Rail Extension: Redondo Beach to Torrance Transit Center
Extends Green Line Rail 4.7 miles, four stations, from Redondo Beach to the Torrance Transit Center.

23 Vermont BRT Corridor: Hollywood Bl to 120th St
Adds a 12.5-mile high-capacity Bus Rapid Transit corridor from Hollywood Bl to 120th St. The project could be converted to a rail service at a later date if ridership demand outgrows the bus rapid service capacity.

24 Sepulveda Pass Underground Transit Corridor
Creates a 10-mile high-capacity transit corridor underneath the Sepulveda Pass. The project connects the San Fernando Valley to UCLA and the Westside by providing a link between the Orange Line in Van Nuys and the future-planned Purple Line Rail stop.

27 Crenshaw Line Rail Northern Extension to West Hollywood
Extends Crenshaw Line Rail north from the Expo/Crenshaw Station to the Red Line Rail Hollywood/Highland Station.

28 Orange Line BRT Conversion to Light Rail
Converts 14.5 miles of existing Orange Line busway to light rail transit, 14 stations from Warner Center to North Hollywood.

29 LAX BRT Connector to Santa Monica
Links Airport Metro Connector to Expo Line Rail via a Bus Rapid Transit corridor along Lincoln Bl. The project could be converted to a rail service at a later date if ridership demand outgrows the bus rapid service capacity.

30 Green Line Rail Extension to Norwalk Metrolink Station
Extends Metro Green Line Rail 2.8 miles from Norwalk to the Norwalk/Santa Fe Springs Metrolink Station.

31 Metro Rail and Express Bus Extension from Westwood to LAX Metro Connector
Ten-mile high-capacity transit and rail extension from Wilshire/Westwood Station to the Airport Metro Connector. Project could also add ExpressLanes along the I-405 that provides express bus service connecting Westwood to LAX.

33 Regional Commuter Rail (Metrolink and Amtrak) Improvements
Various capital improvements to enhance travel times, service reliability, and speed on Metrolink and Amtrak.

NOT SHOWN ON MAP

Crenshaw/LAX Light Rail Track Enhancement Project
Constructs a portion of the Crenshaw/LAX light rail line (currently under construction) adjacent to the LAX runways so it is fully underground.

LA River Bike Path Extension: Canoga Park to Glendale
Constructs a 12-mile bike path along the LA River connecting Canoga Park to Glendale. The project will complete the LA River Bike Path between downtown Los Angeles and the San Fernando Valley.

LA River Waterway and Bike Path: Elysian Valley to Maywood
Constructs eight-mile bike path along the LA River connecting the Elysian Valley to the City of Maywood through downtown Los Angeles. The measure will complete the LA River Bike Path between Long Beach and the Sepulveda Basin in the San Fernando Valley.

City of San Fernando Bike Path
Creates a bike path to run along the Pacoima Wash.

Historic Downtown Streetcar
Builds a 3.8-mile streetcar along existing traffic lanes from 1st St to 11th St in downtown Los Angeles.

North San Fernando Valley BRT Improvements
Builds a Bus Rapid Transit, route to be determined, serving the North San Fernando Valley.

Arroyo Verdugo Transportation Improvements
Various local street improvements to eliminate bottlenecks and improve traffic flow to/from adjacent freeways/major highways (i.e. SR-2, SR-134) and connections to local communities.

South Bay Transportation Improvements
Various local street improvements to eliminate bottlenecks and improve traffic flow to/from adjacent freeways/major highways (i.e. 405, 110, PCH) and connections to local communities.

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