

LA Metro Highway Programs

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LA Metro

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Construction Management
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Metro Highway Program



What's the Problem?

Problems:

- Short Supply of Roads
- Incomplete Highway System
- Economic Prosperity
- More jobs
- Growing population
- Housing Allocations
- Homeownership affordability
- Sprawl
- Growing distances between homes and jobs

= Scattered O & D of trips

= **Sustained Congestion**

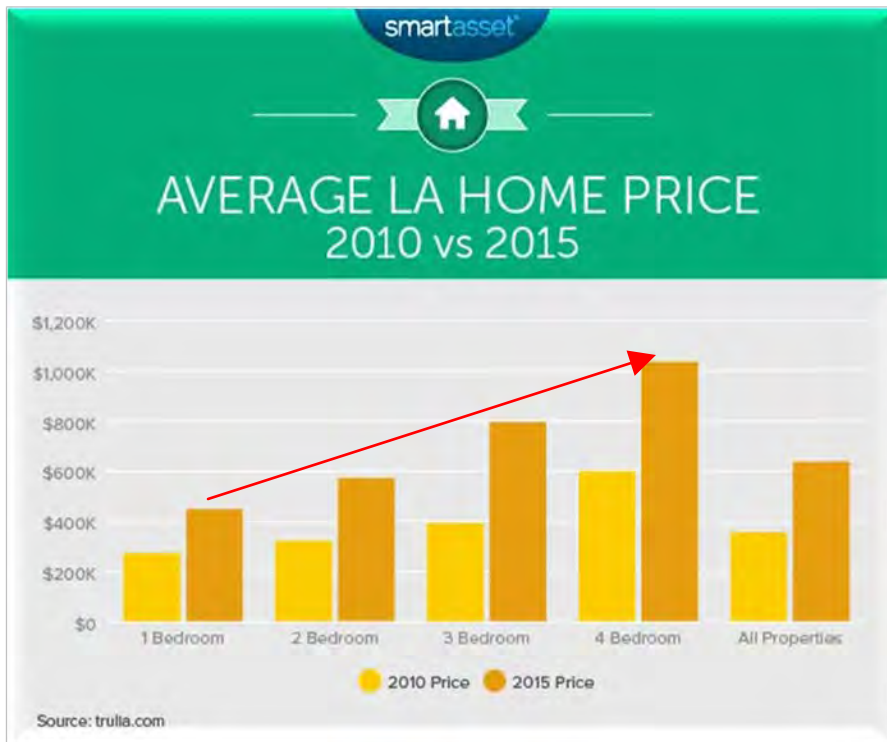


Metro

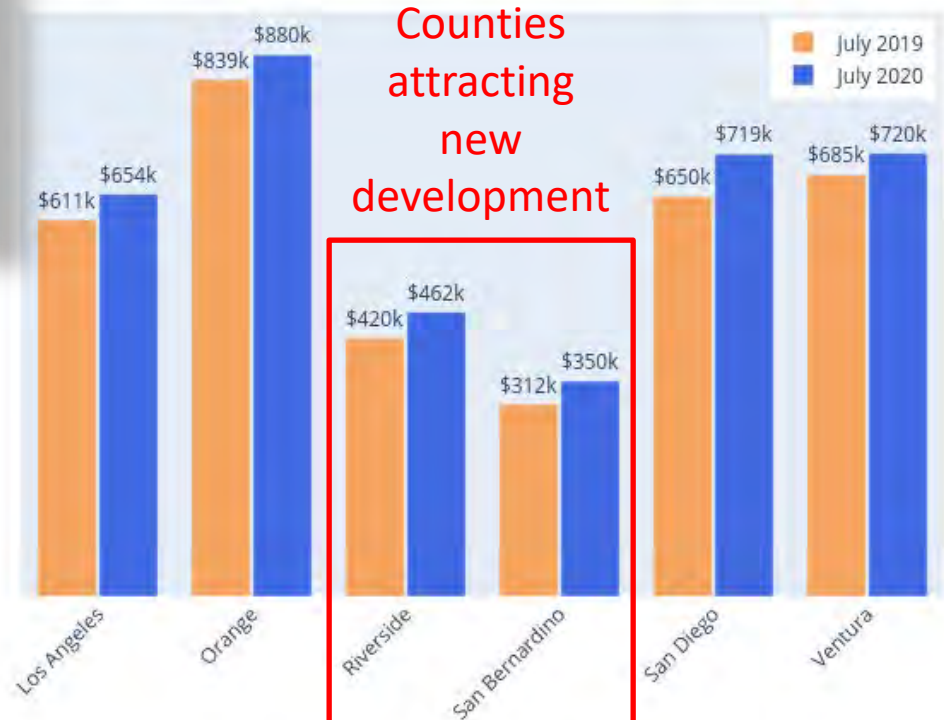
Considerations/Actions Needed:

- Understanding of the problem and the factors continuing its growth
- Connected and informed decision-making
- Coordinated planning
- Realistic and unbiased decisions/actions
- Validation of what is needed and what works

What's the Problem?



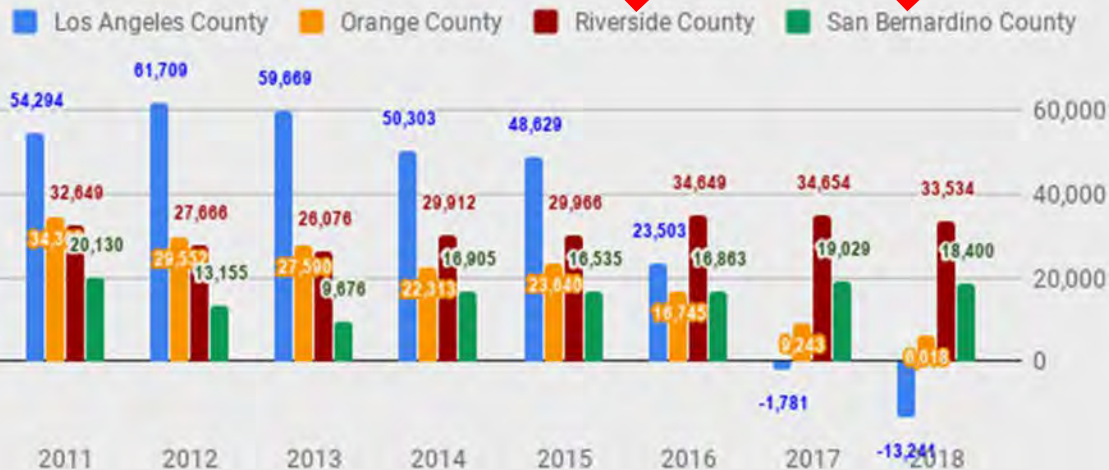
Median Price of Single-Family Homes in So. Cal.



What's the Problem?

Southern California population change

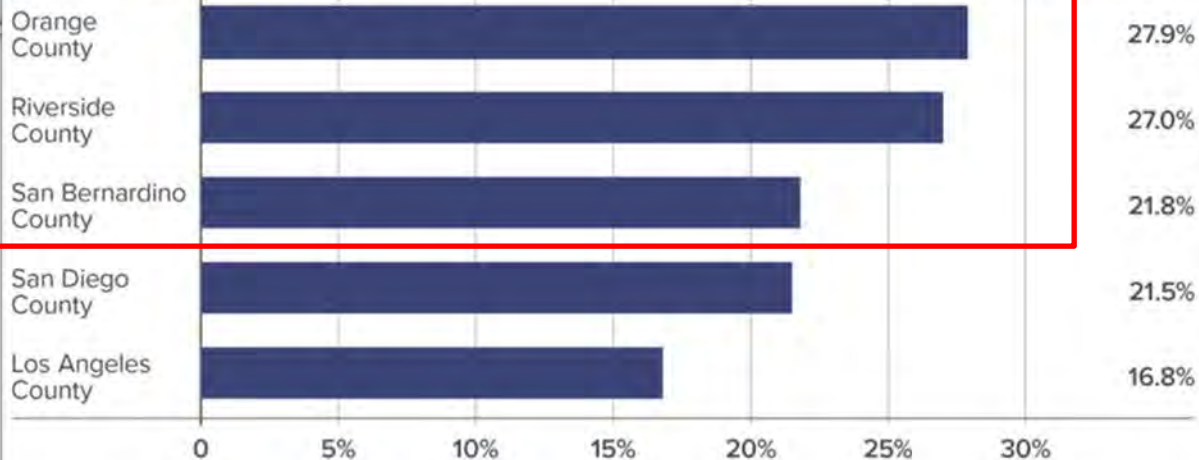
Yearly change in 4-county region



SOURCE: CENSUS

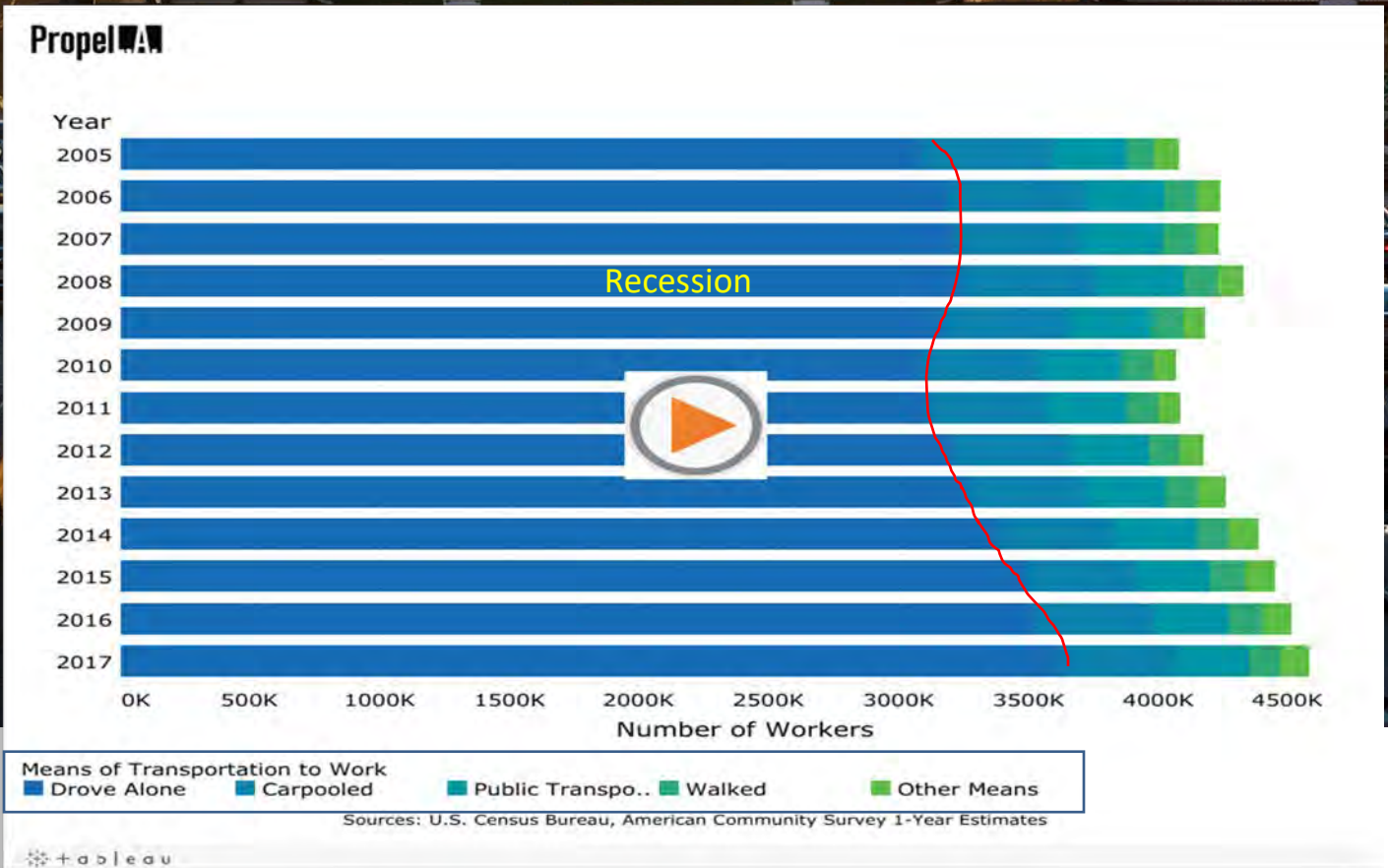
ANNUAL CHANGE IN HOME SALES

Q4-2019 TO Q4-2020



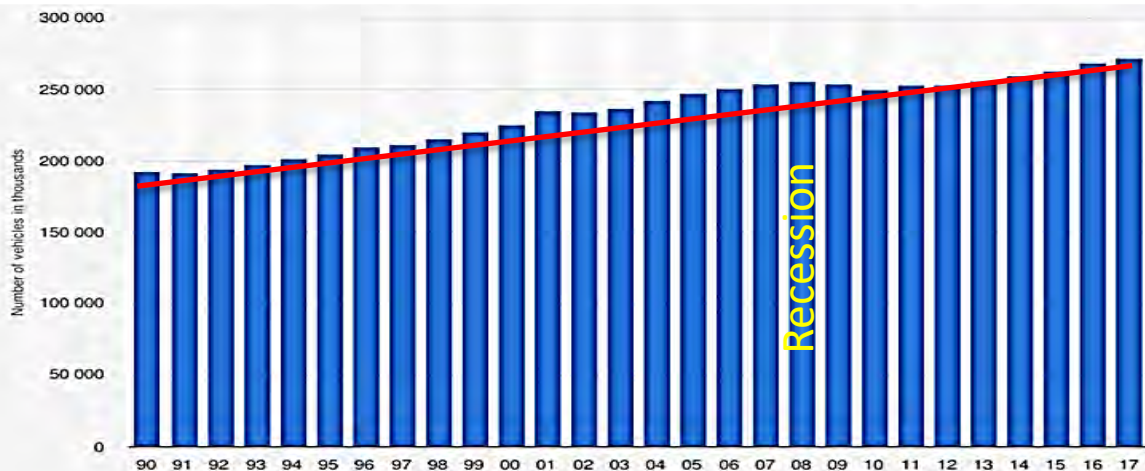
Major sources of traffic in and out of LA County

2005-2017 Means of Transportation to Work LA County



1990-2017 Growth in U.S. Market Demand for Vehicles

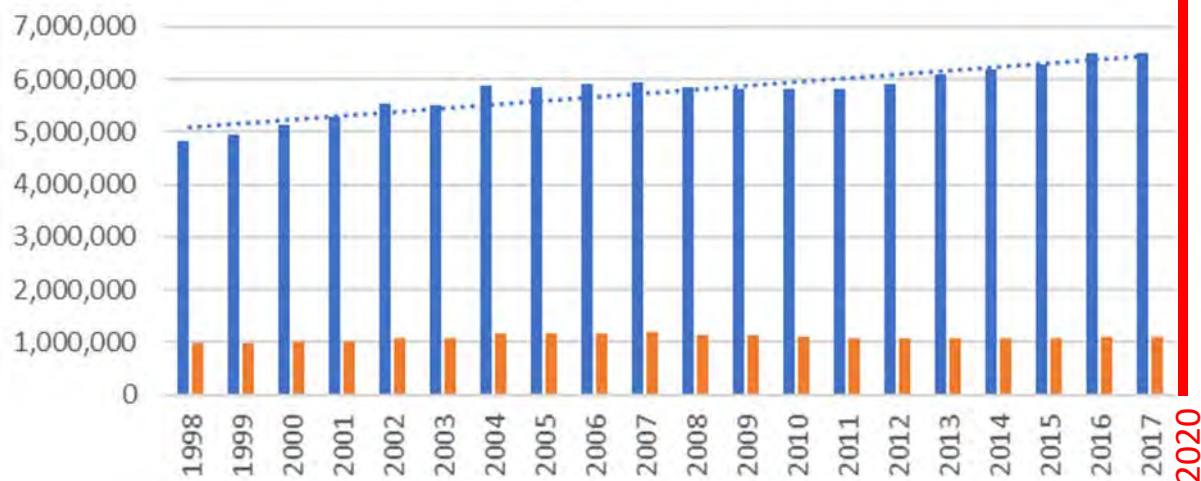
Motor Vehicles Registered in the U.S., 1990-2017 (X1,000)



Sources: US Department of Transportation; Federal Highway Administration
 Additional Information: United States; US Department of Transportation
 © Statista 2019



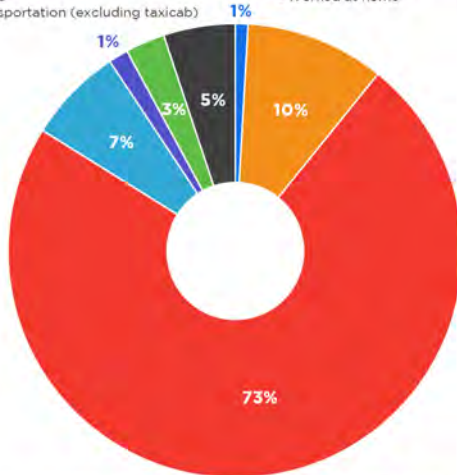
Registered Automobiles and Trucks in Los Angeles County



Necessity or Convenience?

Propel Means of Transportation to Work for Los Angeles County Residents (2015)

- Bicycle
- Carpooled
- Drove alone
- Public transportation (excluding taxicab)
- Taxicab, motorcycle, or other means
- Walked
- Worked at home

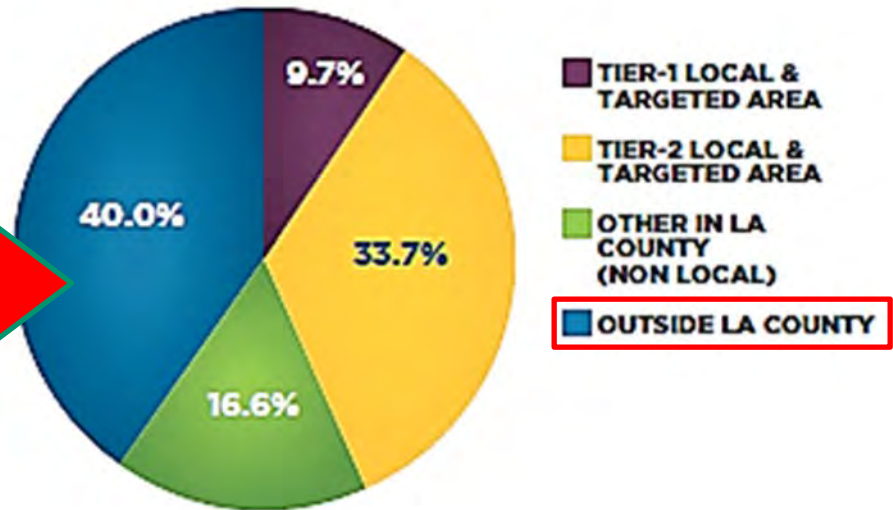


Source: U.S. Census Bureau, 2011-2015 American Community Survey, Table B0801, Propell, L. (2016)

LOCAL AND TARGETED WORKER HIRE PROGRAM
 For Active Projects in LA County
 Source: LA County Dept. of PW
 as of 5/31/18



WORKER RESIDENCY LWHP PROJECTS (40)



Necessity or Convenience?

2017 Top U.S. Cities with the Longest Commutes

Rank	City	Avg. Round Trip Commute (min.)	% Population commuting 2+ hrs round-trip per day	Car %	Public Transit %	Walk %	Bike %
1	Palmdale	85.4	35	91.4	2	0.8	0.2
4	Corona	73.4	23.6	90.7	1.6	1.2	0.1
6	Santa Clarita	69.8	19.7	87.9	3	1.2	0.5
8	Moreno Valley	68.6	17.1%	92.7	1.5	0.7	0.3

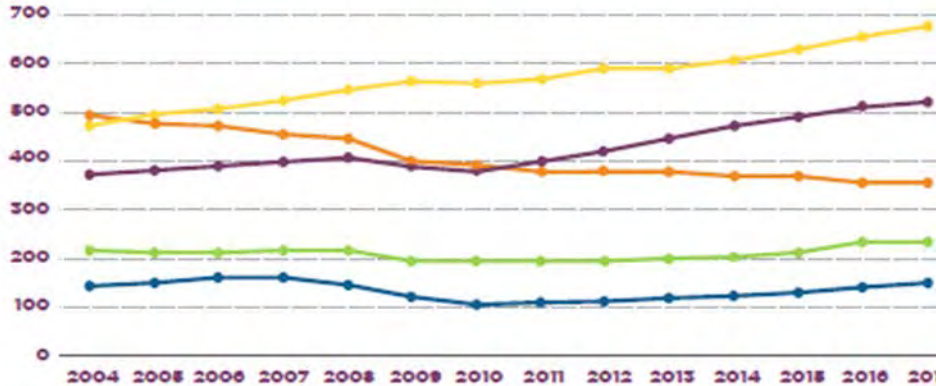
- Housing Affordability
- Growing Rural Communities
- Better living environment



- Long Commute
- Higher VMT
- Heavy Congestion
- Lack of Options

Necessity or Convenience?

ANNUAL AVERAGE EMPLOYMENT IN TARGETED SECTOR (LOS ANGELES COUNTY)



Source: Los Angeles County Economic Development Corporation (LAEDC)

Health Services ○

Leisure and Hospitality ○

Manufacturing

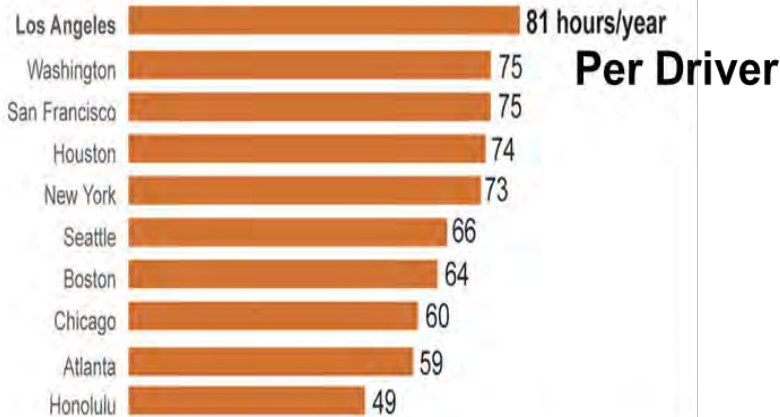
Entertainment ○

Construction ○

Car
Dependency

Traffic-wise, L.A.'s the worst

U.S. drivers spent more than 8 billion hours stuck in traffic in 2015, according to transportation analytics firm Inrix.

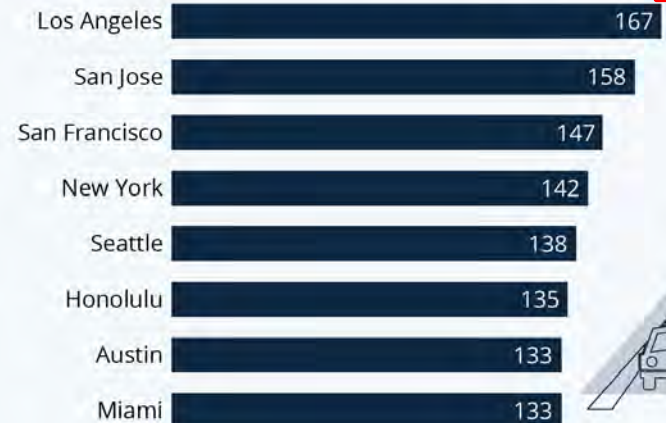


Source: Inrix

@latimesgraphics

Where U.S. Commuters Spend The Most Time Stuck In Traffic

Hours of extra travel time due to traffic congestion in 2019



Source: TomTom

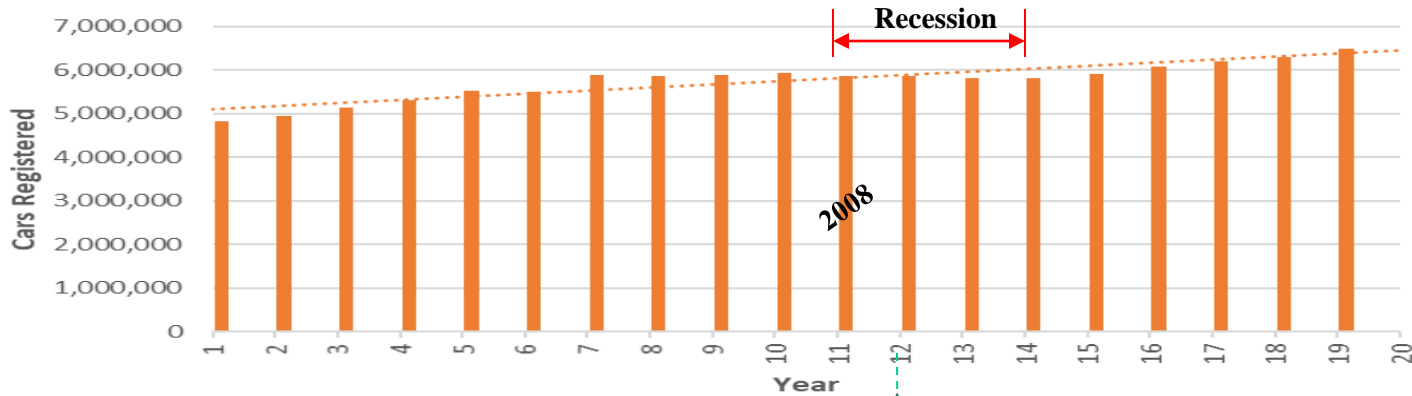


Metro

statista

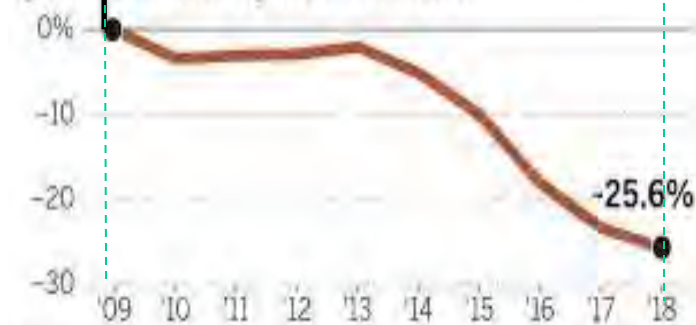
Necessity or Convenience?

Los Angeles County
Number of Vehicles Registered
1998 to 2017



L.A. Metro riders ditching the bus

Since 2009, trips on the West Coast's largest bus system have fallen by more than 25%.



Source: Metro

Los Angeles Times

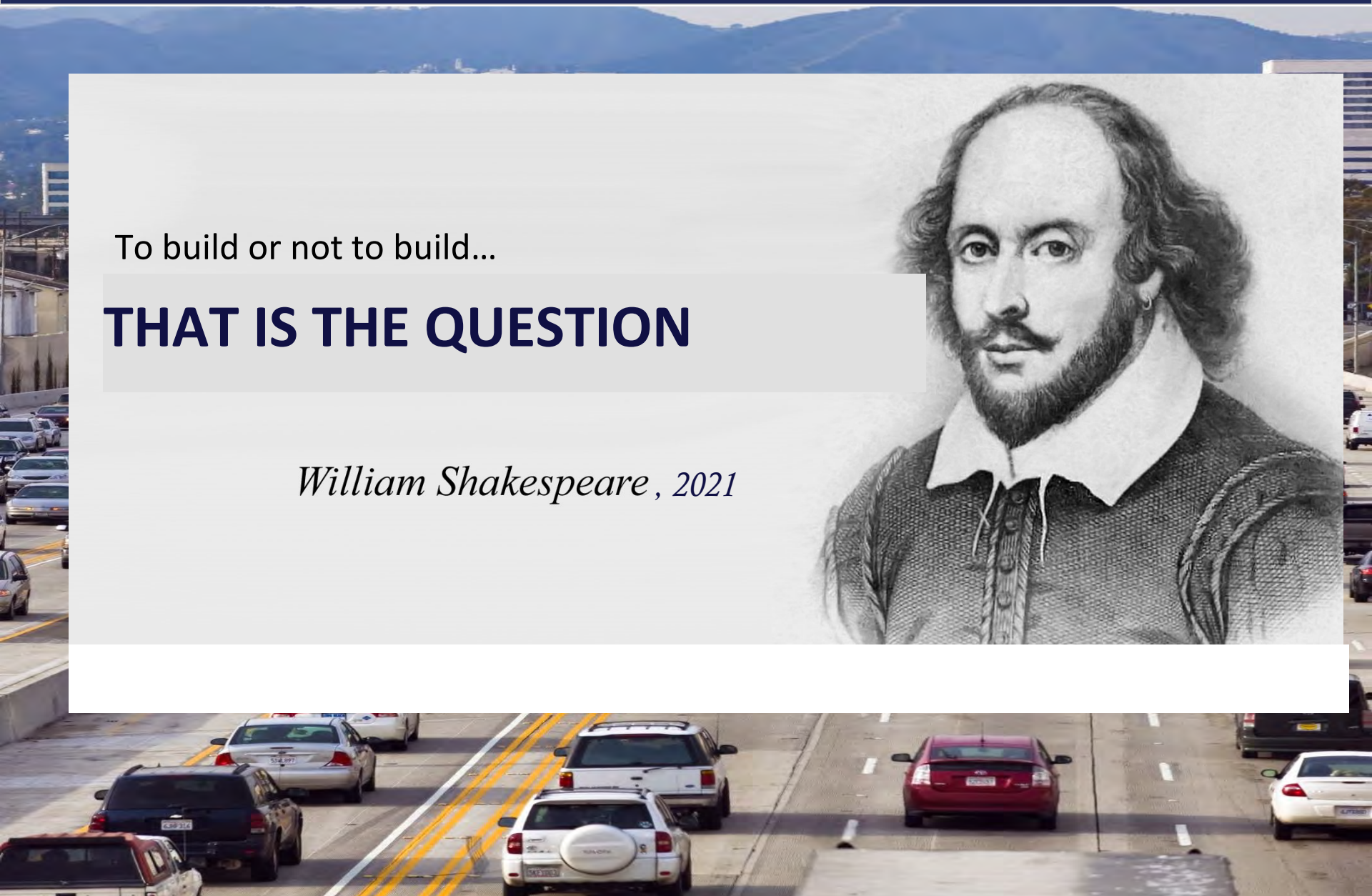
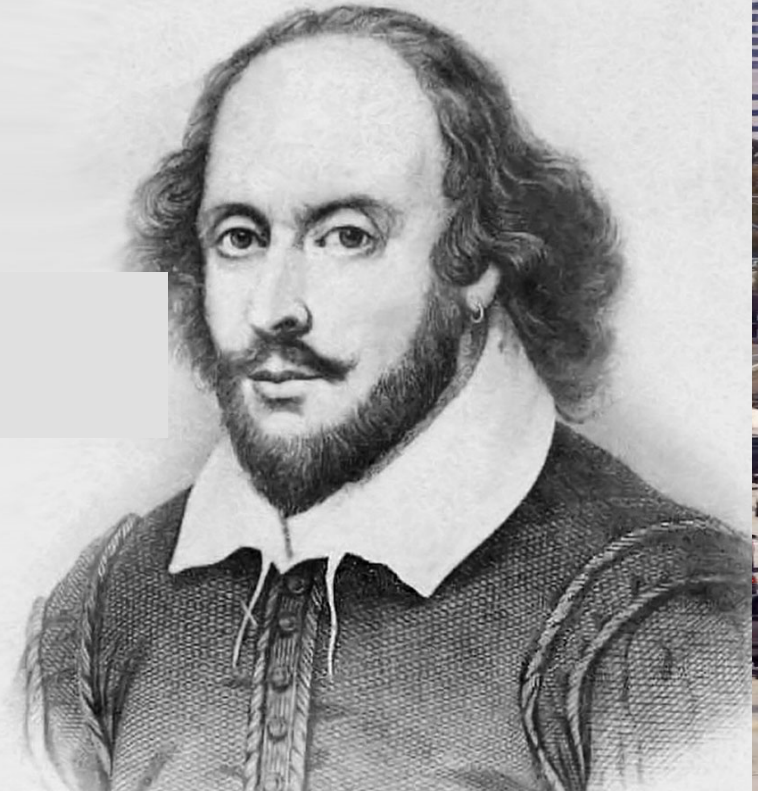


Metro

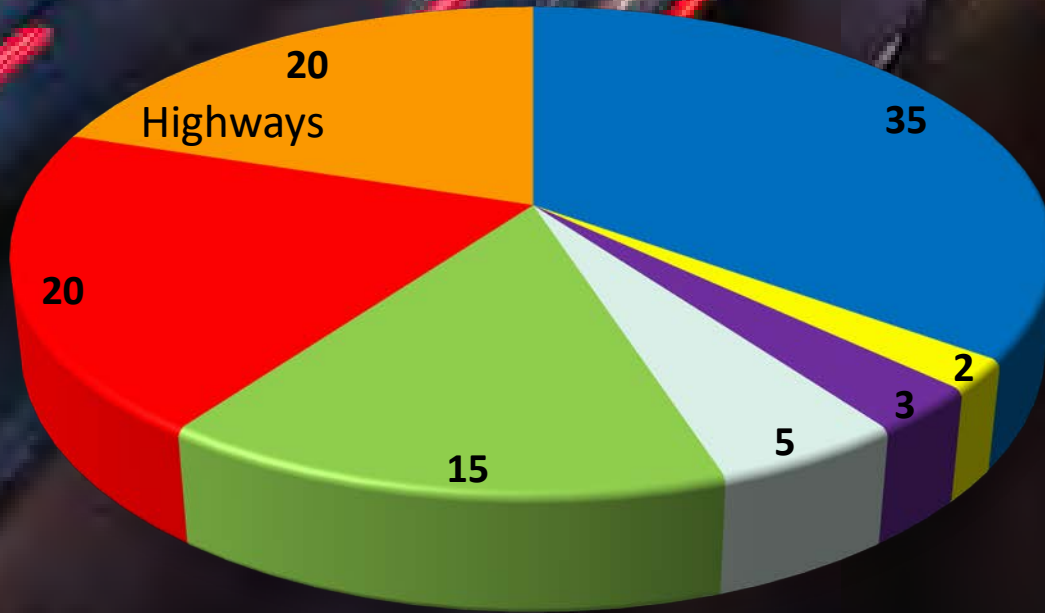
To build or not to build...

THAT IS THE QUESTION

William Shakespeare, 2021



MEASURE R



2008

~\$8 bil. For Highways

Measure R Highway Projects



MEASURE M



2016

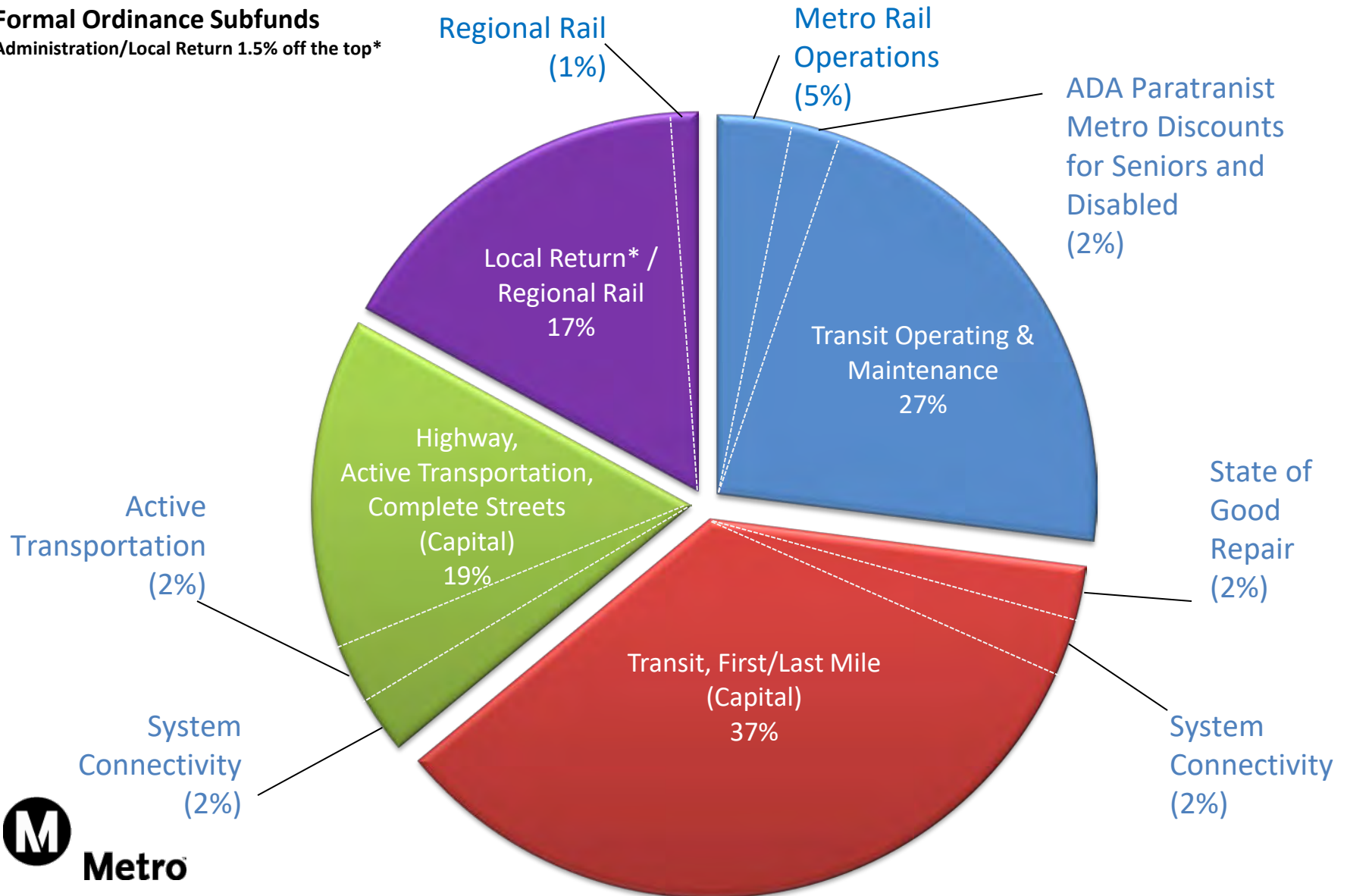
~\$21 bil. For Highways

Measure M

Funding Categories by subfund through 2039

Formal Ordinance Subfunds

Administration/Local Return 1.5% off the top*



* 1% Administration to supplement Local Return, increasing the Local Return-Base to 17% of net revenues.

Measure M Projects



Map numbers are for reference only. Final project scope will be determined in the environmental process.

Measures M Major Highway Projects – By Metro

 Countywide Highway Projects

For Reference Only	Project (Final Project to be Defined by the Environmental Process)	Notes	Schedule of Funds Available		Subregion*	2016 - 2067 Local, State, Federal, Other Funding 2015\$	Measure — Funding 2015\$	Most Recent Cost Estimate 2015\$**	Modal Code
			Ground- breaking Start Date†	Expected Opening Date (3 year range)					
	Expenditure Plan Major Projects			1 st yr of Range					
1	Airport Metro Connect 96th St. Station/Green Line Ext LAX®	a,p	FY 2018	CY 2021	sc	\$233,984	\$347,016	\$581,000	T
2	Westside Purple Line Extension Section 3.®	b	FY 2018	FY 2024	w	\$986,139	\$994,251	\$1,980,390	T
3	High Desert Multi-Purpose Corridor (HDMC)®	q	FY 2019	FY 2021	nc	\$100,000	\$170,000	\$270,000	H
4	I-5 N Cap. Enhancements (SR-14 to Lake Hughes Rd)®		FY 2019	FY 2023	nc	\$544,080	\$240,000	\$784,080	H
5	Gold Line Foothill Extension to Claremont®	c	FY 2019	FY 2025	sg	\$78,000	\$1,019,000	\$1,097,000	T
6	Orange Line BRT Improvements	n	FY 2019	FY 2025	sf	\$0	\$286,000	\$286,000	T
7	BRT Connector Orange/Red Line to Gold Line	o	FY 2020	FY 2022	av	\$0	\$240,300	\$240,300	T
8	BRT Connector Orange/Red Line to Gold Line	o	FY 2020	FY 2022	sf	\$0	\$26,700	\$26,700	T
9	East SF Valley Transit Corridor Project®	d	FY 2021	FY 2027	sf	\$520,500	\$810,500	\$1,331,000	T
10	West Santa Ana Transit Corridor LRT®	b,c	FY 2022	FY 2028	gc	\$500,000	\$535,000	\$1,035,000	T
11	Crenshaw/LAX Track Enhancement Project	e,r	FY 2022	FY 2026	sc	\$0	\$49,599	\$49,599	T
12	SR-71 Gap from I-10 to Rio Rancho Rd.		FY 2022	FY 2026	sg	\$26,443	\$248,557	\$275,000	H
13	LA River Waterway & System Bikepath		FY 2023	FY 2025	cc	\$0	\$365,000	\$365,000	H
14	Complete LA River Bikepath		FY 2023	FY 2025	sf	\$0	\$60,000	\$60,000	H
15	Sepulveda Pass Transit Corridor (Ph 1)®	b,f	FY 2024	FY 2026	sf	\$0	\$130,000	\$130,000	H
16	Sepulveda Pass Transit Corridor (Ph 1)®	b,f	FY 2024	FY 2026	w	\$0	\$130,000	\$130,000	H
17	Vermont Transit Corridor	o	FY 2024	FY 2028	cc	\$400,000	\$25,000	\$425,000	T
18	SR-57/SR-60 Interchange Improvements	d	FY 2025	FY 2031	sg	\$565,000	\$205,000	\$770,000	H
19	Green Line Extension to Crenshaw Blvd in Torrance®	d,g	FY 2026	FY 2030	sb	\$272,000	\$619,000	\$891,000	T
20	I-710 South Corridor Project (Ph 1)®	d,f	FY 2026	FY 2032	gc	\$150,000	\$250,000	\$400,000	H
21	I-105 Express Lane from I-405 to I-605	p	FY 2027	FY 2029	sc	\$0	\$175,000	\$175,000	H
22	Sepulveda Pass Transit Corridor (Ph 2)®	b	FY 2024	FY 2033	sf	\$1,567,000	\$1,270,000	\$2,837,000	T
23	Sepulveda Pass Transit Corridor (Ph 2)®	b	FY 2024	FY 2033	w	\$1,567,000	\$1,270,000	\$2,837,000	T
24	Gold Line Eastside Extension (One Alignment)®	d	FY 2029	FY 2035	gc	\$957,000	\$543,000	\$1,500,000	T
25	Gold Line Eastside Extension (One Alignment)®	d	FY 2029	FY 2035	sg	\$957,000	\$543,000	\$1,500,000	T
26	West Santa Ana Transit Corridor LRT®	r	FY 2022	FY 2041	cc	\$1,082,500	\$400,000	\$1,482,500	T
27	West Santa Ana Transit Corridor LRT®	r	FY 2022	FY 2041	oc	\$982,500	\$500,000	\$1,482,500	T
28	I-710 South Corridor Project (Ph 2)®		FY 2032	FY 2041	gc	\$658,500	\$250,000	\$908,500	H
29	I-5 Corridor Improvements (I-605 to I-710)		FY 2036	FY 2042	gc	\$46,060	\$1,059,000	\$1,105,060	H
30	Crenshaw Northern Extension	i	FY 2041	FY 2047	cc	\$495,000	\$1,185,000	\$1,680,000	T
31	Crenshaw Northern Extension	i	FY 2041	FY 2047	w	\$0	\$560,000	\$560,000	T
32	I-405/I-110 Int. HOV Connect Ramps & Intrchg Improv®		FY 2042	FY 2044	sb	\$0	\$250,000	\$250,000	H
33	I-605/I-10 Interchange		FY 2043	FY 2047	sg	\$472,400	\$126,000	\$598,400	H
34	SR 60/I-605 Interchange HOV Direct Connectors		FY 2043	FY 2047	sg	\$360,600	\$130,000	\$490,600	H
35	Lincoln Blvd BRT	l,o	FY 2043	FY 2047	w	\$0	\$102,000	\$102,000	T
36	I-110 Express Lane Ext South to I-405/I-110 Interchange		FY 2044	FY 2046	sb	\$228,500	\$51,500	\$280,000	H
37	I-405 South Bay Curve Improvements		FY 2045	FY 2047	sb	\$250,840	\$150,000	\$400,840	H
38	Green Line Eastern Extension (Norwalk)	p	FY 2046	FY 2052	sc	\$570,000	\$200,000	\$770,000	T
39	SF Valley Transportation Improvements	m	FY 2048	FY 2050	sf	\$0	\$106,800	\$106,800	T
40	Sepulveda Pass Westwood to LAX (Ph 3)	p	FY 2048	FY 2057	sc	\$3,800,000	\$65,000	\$3,865,000	T
41	Orange Line Conversion to Light Rail		FY 2051	FY 2057	sf	\$1,067,000	\$362,000	\$1,429,000	T
42	City of San Fernando Bike Master Plan		FY 2052	FY 2054	sf	\$0	\$5,000	\$5,000	H
43	Historic Downtown Streetcar		FY 2053	FY 2057	cc	\$0	\$200,000	\$200,000	T
44	Gold Line Eastside Ext. Second Alignment	p	FY 2053	FY 2057	sc	\$110,000	\$2,890,000	\$3,000,000	T
45	High Desert Multi-Purpose Corridor - LA County Segment	p	FY 2063	FY 2067	sc	\$32,982	\$1,845,718	\$1,878,700	H
46	Expenditure Plan Major Projects Subtotal					\$19,581,027	\$20,989,941	\$40,570,969	

Measures M Highway Projects - Subregional

For Reference Only	Project (Final Project to be Defined by the Environmental Process)	Notes	Available		Subregion	Local, State, Federal, Other Funding 2015\$	Measure — Funding 2015\$	Most Recent Cost Estimate 2015\$**	Modal Cod
			Ground- breaking Start Date†	Expected Opening Date (3 year range)					
	Multi-Year Subregional Programs			1 st yr of Range					
47	Metro Active Transport, Transit 1st/Last Mile Program	p	FY 2018	FY 2057	sc	\$0	\$857,500	\$857,500	H
48	Visionary Project Seed Funding	p	FY 2018	FY 2057	sc	\$0	\$20,000	\$20,000	T
49	Street Car and Circulator Projects	k,p	FY 2018	FY 2022	sc	\$0	\$35,000	\$35,000	T
50	Transportation System and Mobility Improve. Program		FY 2018	FY 2032	sb	\$0	\$293,500	\$293,500	H
51	Active Transportation 1st/Last Mile Connections Prog.		FY 2018	FY 2057	w	\$0	\$361,000	\$361,000	H
52	Active Transportation Program		FY 2018	FY 2057	nc	\$0	\$264,000	\$264,000	H
53	Active Transportation Program		FY 2018	FY 2057	gc	\$0	TBD	TBD	H
54	Active Transportation Program (Including Greenway Proj.)		FY 2018	FY 2057	sg	\$0	\$231,000	\$231,000	H
55	Active Transportation, 1st/Last Mile, & Mobility Hubs		FY 2018	FY 2057	cc	\$0	\$215,000	\$215,000	H
56	Active Transportation, Transit, and Tech. Program		FY 2018	FY 2032	lvm	\$0	\$32,000	\$32,000	T
57	Highway Efficiency Program		FY 2018	FY 2032	lvm	\$0	\$133,000	\$133,000	H
58	Bus System Improvement Program		FY 2018	FY 2057	sg	\$0	\$55,000	\$55,000	T
59	First/Last Mile and Complete Streets		FY 2018	FY 2057	sg	\$0	\$198,000	\$198,000	H
60	Highway Demand Based Prog. (HOV Ext. & Connect.)		FY 2018	FY 2057	sg	\$0	\$231,000	\$231,000	H
61	I-605 Corridor "Hot Spot" Interchange Improvements ©		FY 2018	FY 2057	gc	\$240,000	\$1,000,000	\$1,240,000	H
62	Modal Connectivity and Complete Streets Projects		FY 2018	FY 2057	av	\$0	\$202,000	\$202,000	H
63	South Bay Highway Operational Improvements		FY 2018	FY 2057	sb	\$600,000	\$500,000	\$1,100,000	H
64	Transit Program		FY 2018	FY 2057	nc	\$500,000	\$88,000	\$588,000	T
65	Transit Projects		FY 2018	FY 2057	av	\$0	\$257,100	\$257,100	T
66	Transportation System and Mobility Improve. Program		FY 2018	FY 2057	sb	\$0	\$350,000	\$350,000	H
67	North San Fernando Valley Bus Rapid Transit Improvements	p,s	FY 2019	FY 2023	sc	\$0	\$180,000	\$180,000	T
68	Subregional Equity Program	p,s	FY 2018	FY 2057	sc	TBD	TBD	\$1,196,000	T/H
69	Countywide BRT Projects Ph 1 (All Subregions)	l,p	FY 2020	FY 2022	sc	\$0	\$50,000	\$50,000	T
70	Countywide BRT Projects Ph 2 (All Subregions)	l,p	FY 2030	FY 2032	sc	\$0	\$50,000	\$50,000	T
71	Active Transportation Projects		FY 2033	FY 2057	av	\$0	\$136,500	\$136,500	H
72	Los Angeles Safe Routes to School Initiative		FY 2033	FY 2057	cc	\$0	\$250,000	\$250,000	H
73	Multimodal Connectivity Program		FY 2033	FY 2057	nc	\$0	\$239,000	\$239,000	H
74	Countywide BRT Projects Ph 3 (All Subregions)	l,p	FY 2040	FY 2042	sc	\$0	\$50,000	\$50,000	T
75	Arterial Program		FY 2048	FY 2057	nc	\$0	\$726,130	\$726,130	H
76	BRT and 1st/Last Mile Solutions e.g. DASH		FY 2048	FY 2057	cc	\$0	\$250,000	\$250,000	T
77	Freeway Interchange and Operational Improvements		FY 2048	FY 2057	cc	\$0	\$195,000	\$195,000	H
78	Goods Movement (Improvements & RR King ELEM.)		FY 2048	FY 2057	sg	\$0	\$33,000	\$33,000	T
79	Goods Movement Program		FY 2048	FY 2057	nc	\$0	\$104,000	\$104,000	T
80	Goods Movement Projects		FY 2048	FY 2057	av	\$0	\$81,700	\$81,700	T
81	Highway Efficiency Program		FY 2048	FY 2057	nc	\$0	\$128,870	\$128,870	H
82	Highway Efficiency Program		FY 2048	FY 2057	sg	\$0	\$534,000	\$534,000	H
83	Highway Efficiency, Noise Mitig. and Arterial Projects		FY 2048	FY 2057	av	\$0	\$602,800	\$602,800	H
84	ITS/Technology Program (Advanced Signal Tech.)		FY 2048	FY 2057	sg	\$0	\$66,000	\$66,000	H
85	LA Streetscape Enhance. & Great Streets Program		FY 2048	FY 2057	cc	\$0	\$450,000	\$450,000	H
86	Modal Connectivity Program		FY 2048	FY 2057	lvm	\$0	\$68,000	\$68,000	H
87	Public Transit State of Good Repair Program		FY 2048	FY 2057	cc	\$0	\$402,000	\$402,000	T
88	Traffic Congestion Relief and Improvement Program		FY 2048	FY 2057	lvm	\$0	\$63,000	\$63,000	H
89	Traffic Congestion Relief/Signal Synchronization		FY 2048	FY 2057	cc	\$0	\$50,000	\$50,000	H
90	Arroyo Verdugo Projects to be Determined		FY 2048	FY 2057	av	\$0	\$110,600	\$110,600	H
91	Countywide BRT Projects Ph 4 (All Subregions)	p	FY 2050	FY 2052	sc	\$90,000	\$10,000	\$100,000	T
92	Countywide BRT Projects Ph 5 (All Subregions)	p	FY 2060	FY 2062	sc	\$0	\$100,000	\$100,000	T
93	Multi-Year Subregional Programs Subtotal					\$1,430,000	\$10,253,700	\$12,879,700	
94	GRAND TOTAL					\$21,011,027	\$31,243,641	\$53,450,669	



Metro

Recent Considerations in Developing Projects

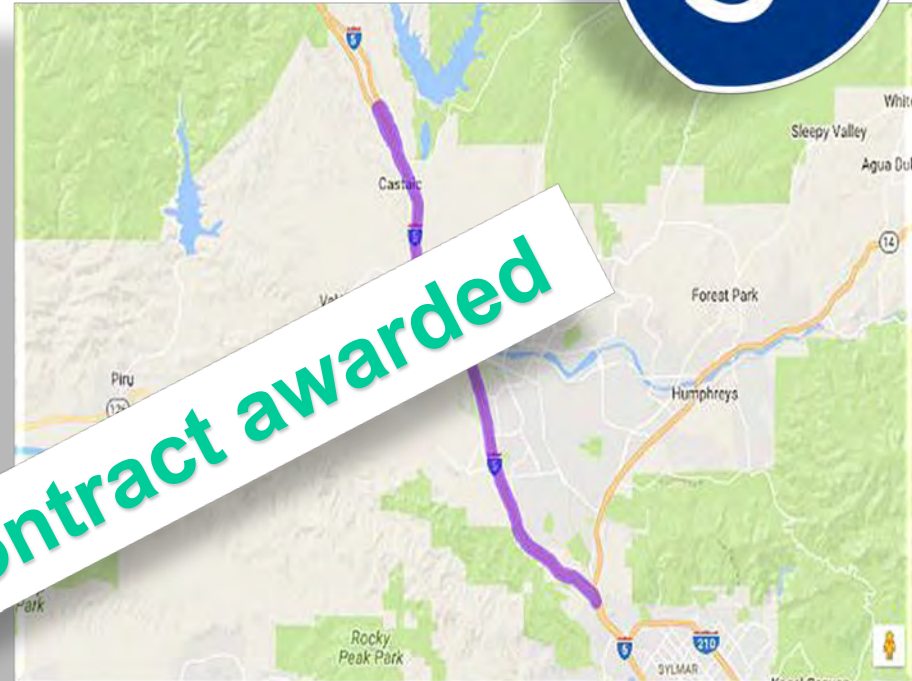
- More flexibility in the use of highway funds (active transportation, complete streets)
- Stopping/slowing major highway corridor improvement considerations until options with lesser impacts are explored and accepted (I-710, I-605)
- Inclusion of equity and race impact assessment in major highway investments
- Expanded public participation in project development



I-5 North HOV and Truck Lanes



- 14 miles of HOV lanes in both directions
- 2 miles of truck climbing lanes at the south end
- 7 bridge modifications at:
 - Gavin Canyon
 - Calgrove Blvd.
 - Butte Canyon
 - Magic Mountain Pkwy.
 - Santa Clara OH
 - Rye Canyon
 - Castaic Creek Bridge
- 1 bridge replacement at W...
- Soundwalls and ret...



Construction contract awarded



SR-57/SR-60 Interchange

- Metro Measure M Project
- Metro Call For Projects – In Progress
- Metro Call For Projects – In Progress
- Future Project



Substantial grant funds secured
Construction: 2022



SR-71



Project Summary

- In Final Design phase
- 2 segments:
 - Mission to SR-60 – upgrade from expressway to freeway
 - Mission to I-10 – upgrade including raising 2 bridges over the RR tracks



Status Update

- Construction of Mission to SR-60: **Started**
- Construction of Mission to I-10: Summer 2023



I-405

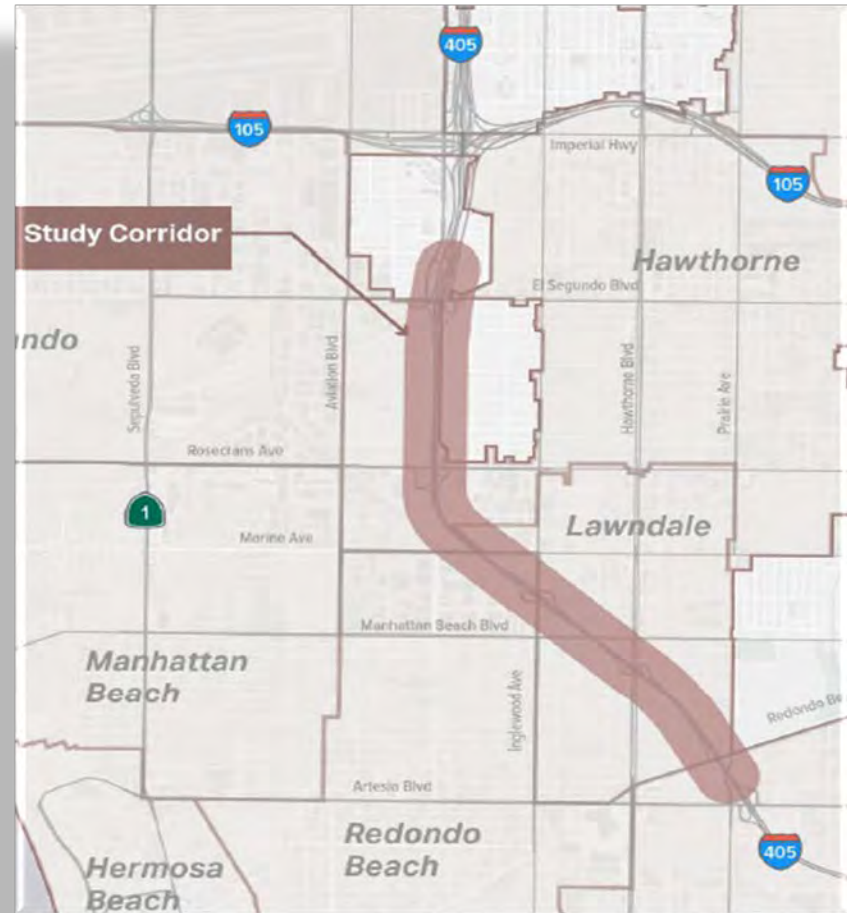


Project Summary

- Add auxiliary lanes NB & SB from I-105/I-405 to Artesia Blvd off-ramp

Status Update

- PSR completed Nov. 2018
- PAED completed in 2020
- Starting Design
- Construction in 2023



“Hot Spots” Program



1. I-605/Valley Blvd.

2. SR-60/7th Ave.

Construction By the
SGVCOG 2023

3. I-605/Beverly Blvd.

Construction in 2022

5,6. SR-91 Central to
Acacia

Construction in 2024

7. SR-91 Atlantic to
Cherry

Construction in 2022

I-605/I-10
**PAED
Stopped
(\$6 bil.)**
I-605/I-105

8. WB-91 Alondra to
Shoemaker

Construction in 2023

4. I-605/South St.

Construction in 2022



+ Over 30 Arterial
Intersection
Improvements



I-710



Project Summary

- In PAED phase
- 18 miles between the Ports of Long Beach and Los Angeles and the SR-60
- Locally-Preferred Alternative Selected:
 - 5C: One lane + upgrading
- Estimated Cost: \$6-\$11 billion
- Includes “Early Action” Projects
- \$420 mil in Measure R and \$500 mil. in Measure M

Status Update

- Final Corridor EIR/EIS: **Stopped**
- Early Action projects: **TBD**



Metro

Early Action Projects



Project prioritization through collaboration with the corridor cities/GCCOG



I-710 Integrated Corridor Management

Project Summary

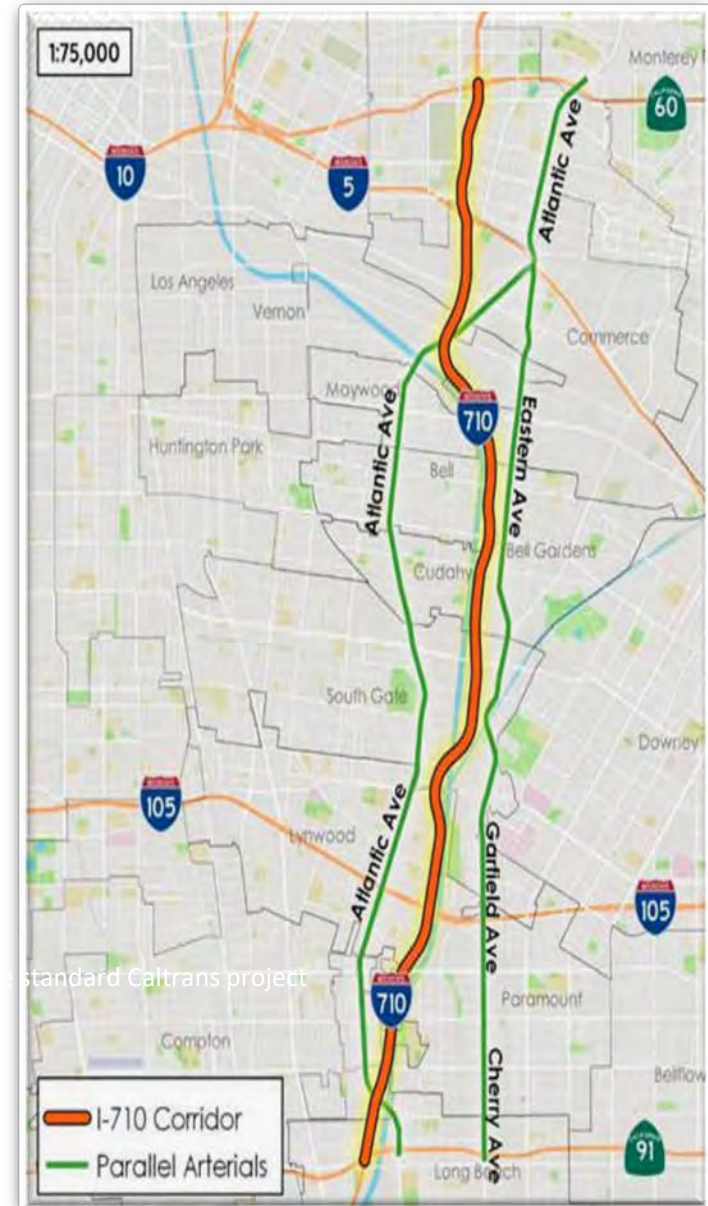
- Parallel to 12 miles of the I-710 between SR-91 to SR-60.
- In the cities of Bell, Bell Gardens, Commerce, Compton, Cudahy, Downey, Long Beach, Lynwood, Maywood, Paramount, South Gate, Vernon, and unincorporated LA County.
- Communication and signal upgrades, ramp metering, detection systems, cameras, lane closure and travel time systems to more effectively manage congestion.
- Will integrate all systems from each agency to effectively manage incidents and other non-recurrent events.
- No new right-of-way acquisition is expected.

Status Update

- Project Charter signed by all stakeholders
- Concept of Operations circulated for review June 2021
- Functional Requirements and High-Level Design Phases to be initiated August 2021
- PS&E target completion December 2022
- Funds for Construction to be identified



Metro



State Route 710 (North)

Project Summary

- \$780M in Measure R funds
- \$300+M in other funds
- PAED Completed
- Preferred Alternative selected: TSM/TDM
- Mobility improvement projects (MIP) identified for funding and implementation

Status Update

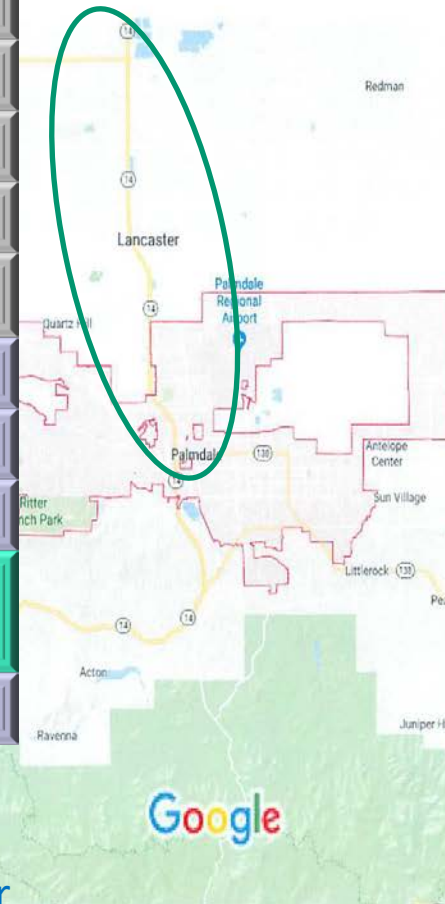
- Programming of approved TSM/TDM and MIPs in 2019 and after
- Working with the San Gabriel Valley cities and the City and County of LA to implement projects



M.R. SR-14/138 Projects



	Project	Construction Date (Estimate)
Lancaster	SR-138/SR-14 Avenue K Interchange	Sep. 2022
	SR-138/SR-14 Avenue G Interchange	Mar. 2022
	SR-138/SR-14 Avenue J Interchange (2 phases)	Jan. and Dec. 2021
	SR-138/SR-14 Avenue L Interchange	Jan. 2023
	SR-138/SR-14 Avenue M Interchange	Oct. 2022
Palmdale	SR-138/Palmdale Blvd., 5th to 10th Street East	Jul. 2024
	SR-138/Palmdale Blvd., SB SR-14 Ramps	Jan. 2022
	SR-138, 10th Street West Interchange	Dec. 2023
	SR-138 Widening, Rancho Vista Blvd. to Palmdale Blvd.	Completed
	SR-138, Avenue N Overcrossing	Jan. 2022



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Construction contracts by Palmdale and Lancaster

High Desert Corridor



Project Summary

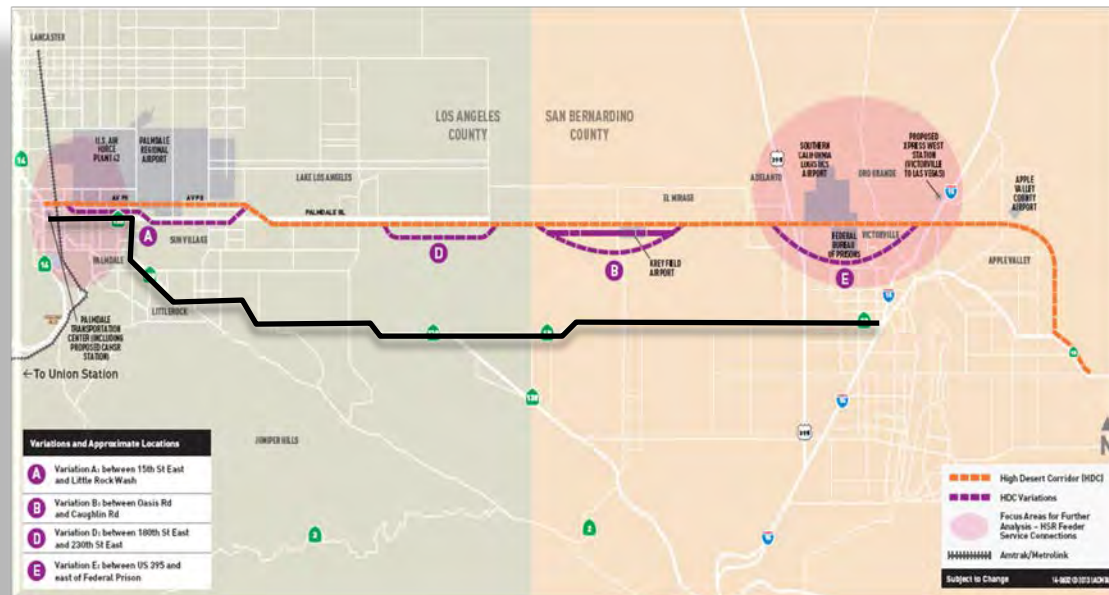
- 63 miles - Highway, Expressway, Tollway, High Speed Rail, Bikeway, and energy production/transmission corridor concepts
- Connecting North Los Angeles County and San Bernardino County (Victorville)
- Transit connection between the CHSR and the XpressWest
- In Measure M for ROW and related services in 2019
- More funds in later years
- Final EIR/EIS completed in 2016

Status Update

- Passenger rail feasibility study in progress
- Highway alignment alternative PSR on 138 and 18 started in 2021



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Additional Engagements

Additional Regional Projects

- Soundwall Package 10
- I-710 Soundwalls

Supporting Other Metro Projects/Programs

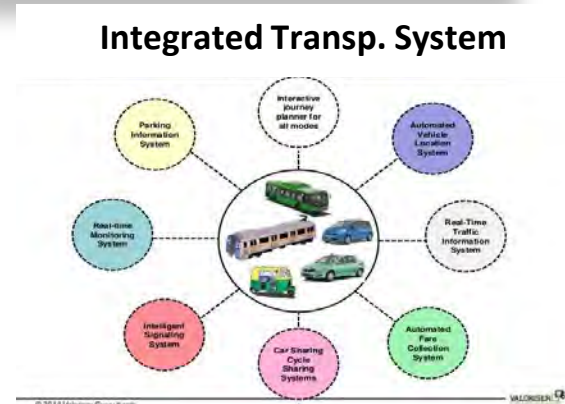
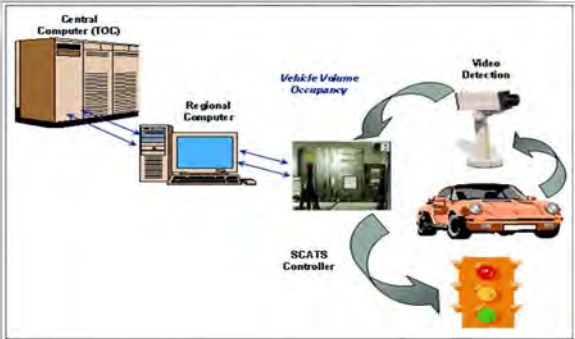
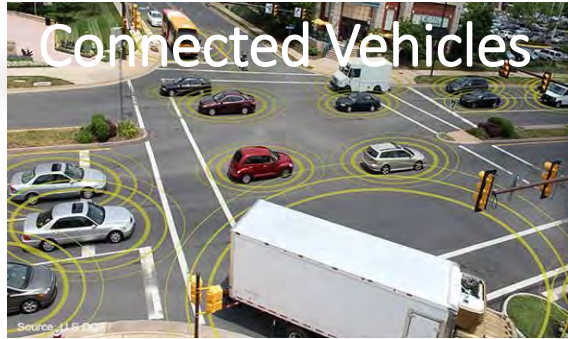
- Next Gen Bus
- I-210 Safety Barrier
- Regional Planning
- ExpressLanes

Assisting in Development of Local Projects

- Local Intersections
 - City of Whittier
 - City of San Gabriel
 - City of South Gate
 - City of Compton
 - City of Lawndale
- ... More to come

- | | |
|---|------------------|
| • Freight Advanced Traveler Information System Implementation | Study/Technology |
| • SR-710 Mobility Improvement Projects | Var. Phases |
| • I-710 Early Action Projects (Roadway/Interchanges) | TBD |

Transportation Technology/Op. Improvements



Progress

COMPLETED

- *SR-138 Widening, Rancho Vista Blvd. to Palmdale Blvd.*

CONSTRUCTION

- *I-5 HOV Lanes; SR-14 to Parker Road*
- *I-605/South Street Interchange Improvements*
- *SR-138 Segment 6*
- *SR 14/SR-138 at Avenue K*
- *I-710 Soundwall Package 2*
- *I-710 Soundwall Package 3*

ENVIRONMENTAL

- *I-405 Improvements NB/SB, I-110 to Wilmington*
- *I-605 Corridor Improvements, I-105 to I-10*
- *I-710 Corridor Improvements*
- *I-710 Integrated Corridor Management (ICM)*
- *I-105 ICM*
- *Imperial Hwy Corridor Capacity Enhancements-
Lynwood*
- *SR-138/SR-14 Avenue G Interchange*
- *SR-138/SR-14 Avenue L Interchange*

FINAL DESIGN

- *Soundwall Pkg. 10*
- *SR-57/SR-60 Interchange Improvements*
- *SR-60/7th Avenue Interchange Improvements (PAED?)*
- *SR-72 (Whittier Blvd.) @Painter and S.F. Springs Rd.*
- *SR-91 WB Improvements, Shoemaker to I-605/Alondra*
- *SR-91 EB Improvements, Atlantic to Cherry*
- *SR-91 Improvements, Central Avenue to Acacia*
- *SR-138 (Palmdale Blvd.), 5th St. to 10th Street East*
- *SR-138/SR-14 SB Ramps at Palmdale Blvd.*
- *SR-138/SR-14 10th Street West Interchange*
- *SR-138/SR-14 Avenue J Interchange*
- *SR-138/SR-14 Avenue K Interchange*
- *SR-138/SR-14 Avenue M Interchange*
- *SR-138/SR-14 Avenue N Overcrossing*
- *I-405 NB and SB Imp., I-105 to Artesia Blvd.*
- *I-605/Beverly Blvd. Interchange Improvements*
- *I-605/Valley Blvd. Interchange Improvements*
- *SR-710 San Gabriel Intersections*
- *I-710 Early Action Projects (Soundwalls)*
- *I-710/Shoemaker Bridge Replacement*



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Discussions





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