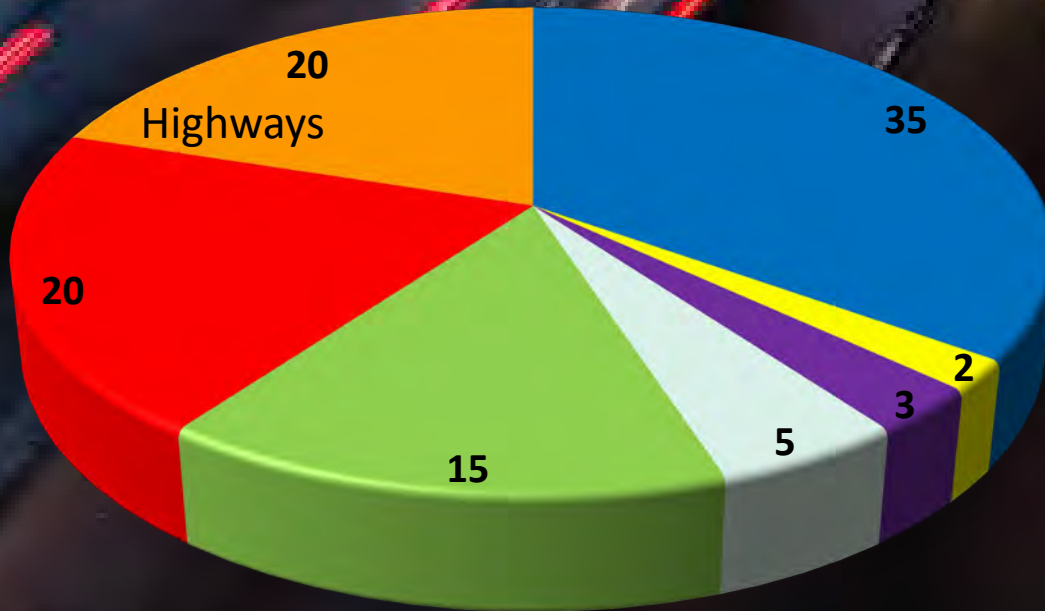


# Metro Highway Program



# MEASURE R



2008

~\$8 bil. For Highways

# Measure R Highway Projects



# MEASURE M



**2016**

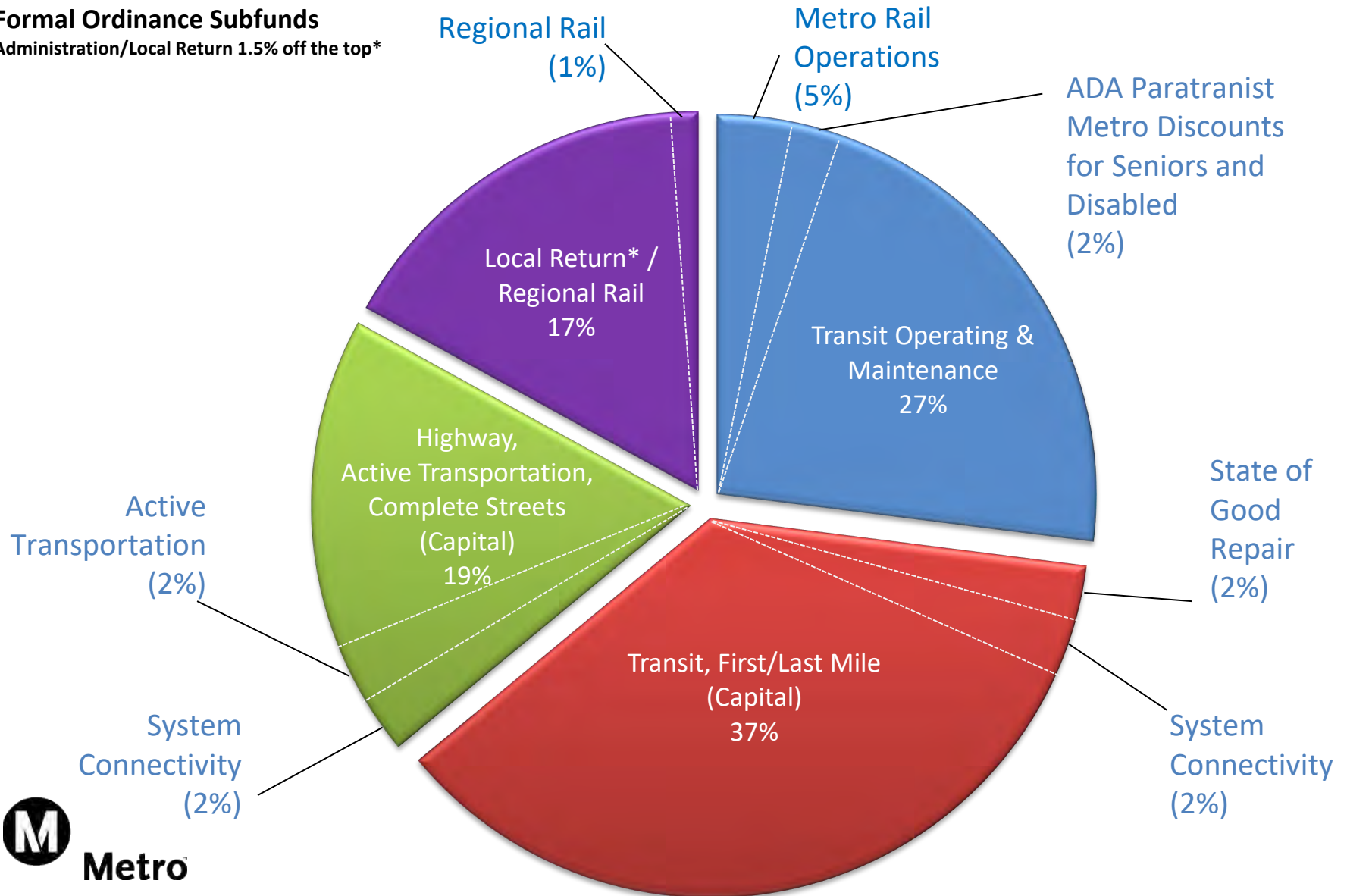
**~\$21 bil. For Highways**

# Measure M

## Funding Categories by subfund through 2039

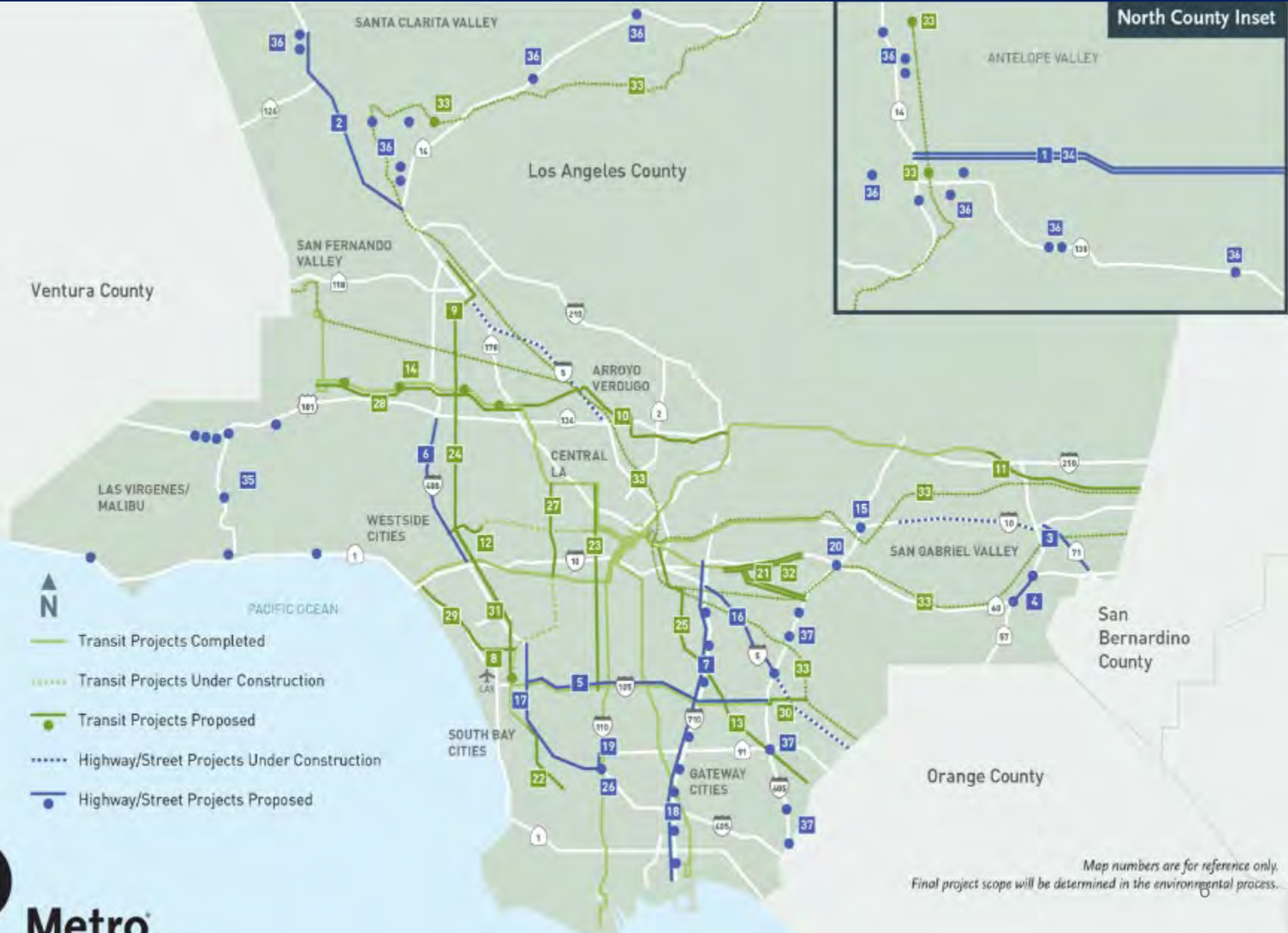
### Formal Ordinance Subfunds

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

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 Date¹	Expected Opening Date (3 year range)					
	<b>Expenditure Plan Major Projects</b>		1 <sup>st</sup> 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. ®	h	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 Footmill Extension to Claremont ®	c	FY 2019	FY 2025	sg	\$76,000	\$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,f	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	gc	\$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 & Introchg 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	<b>Expenditure Plan Major Projects Subtotal</b>					<b>\$19,581,027</b>	<b>\$20,989,941</b>	<b>\$40,570,969</b>	



# 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 Code
			Ground-breaking Start Date¹	Expected Opening Date (3 year range)					
	<b>Multi-Year Subregional Programs</b>			1 <sup>st</sup> 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	\$88,000	\$88,000	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 Xing Elim.)		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	A 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	<b>Multi-Year Subregional Programs Subtotal</b>					<b>\$1,430,000</b>	<b>\$10,253,700</b>	<b>\$12,879,700</b>	
94	<b>GRAND TOTAL</b>					<b>\$21,011,027</b>	<b>\$31,243,641</b>	<b>\$53,450,669</b>	

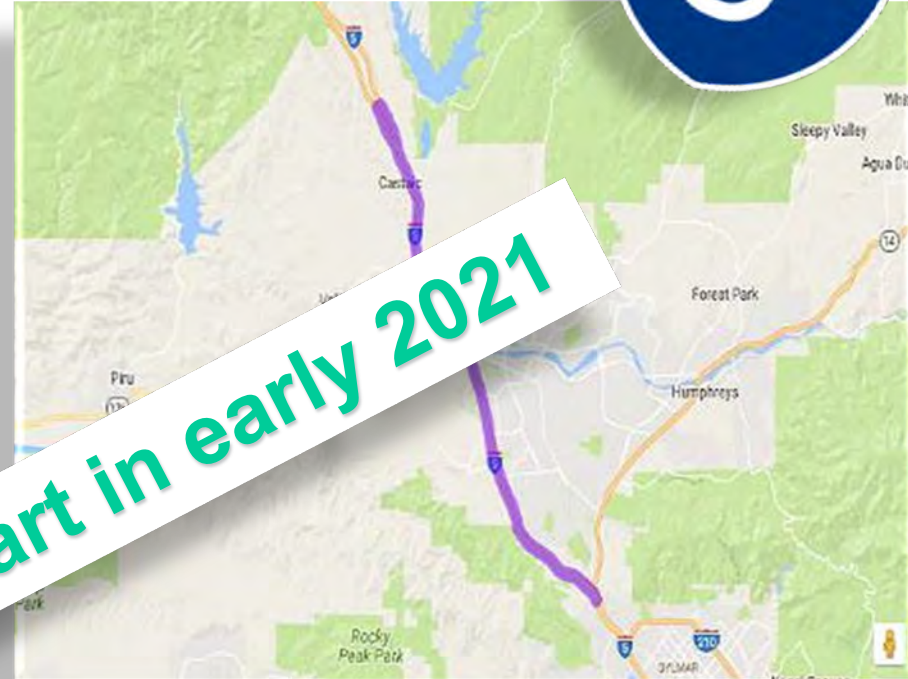




# I-5 North HOV and Truck Lanes



- 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 Wagon Wheel Canyon
- Soundwalls and retaining walls

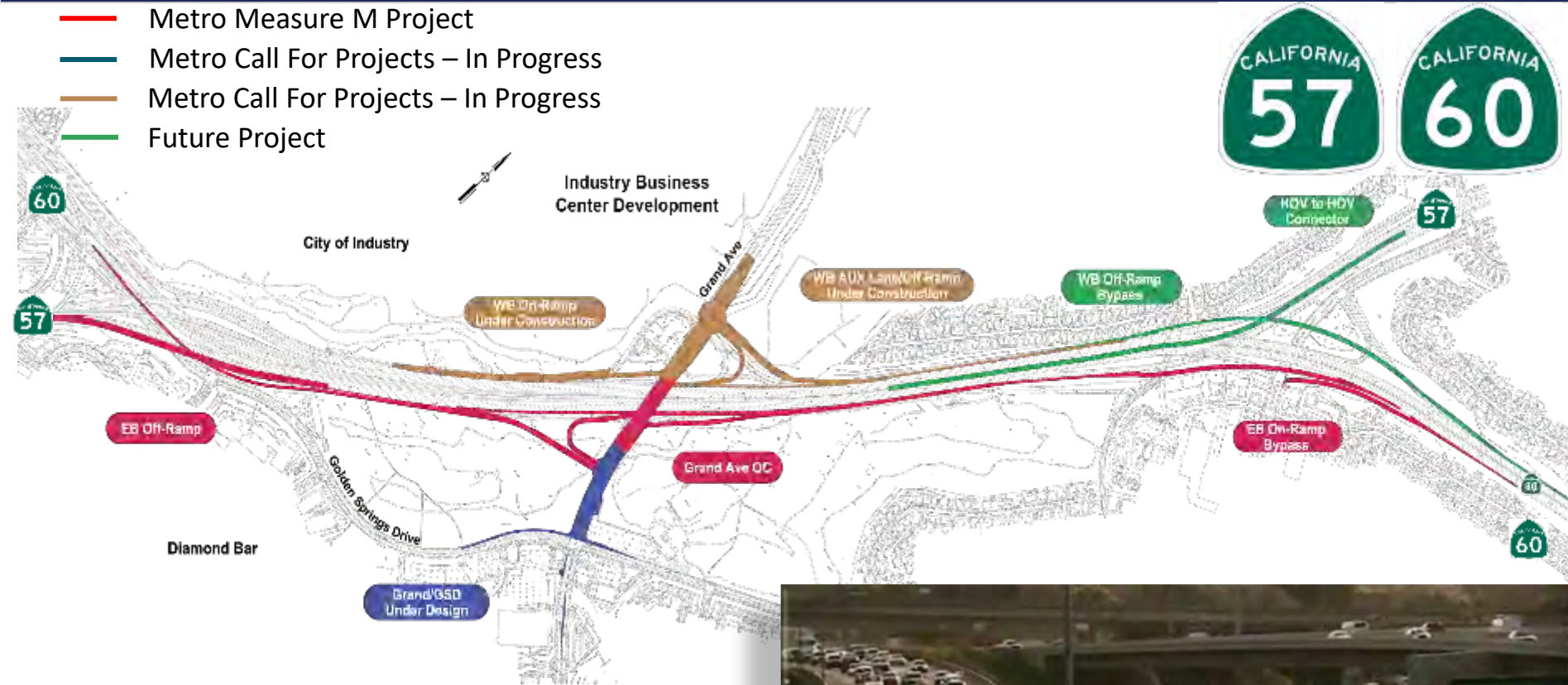


**Construction start in early 2021**



# 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: Early 2021
- Construction of Mission to I-10: Summer 2023



Metro



# 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
- Construction in 2023



# "Hot Spots" Program



I-605/Valley Blvd.

SR-60/7th Ave.

I-605/Beverly Blvd.

Construction in 2022

WB-91 Alondra to Shoemaker

SR-91 Atlantic to Cherry

SR-91 Central to Acacia

I-605/South St.

Construction in 2021

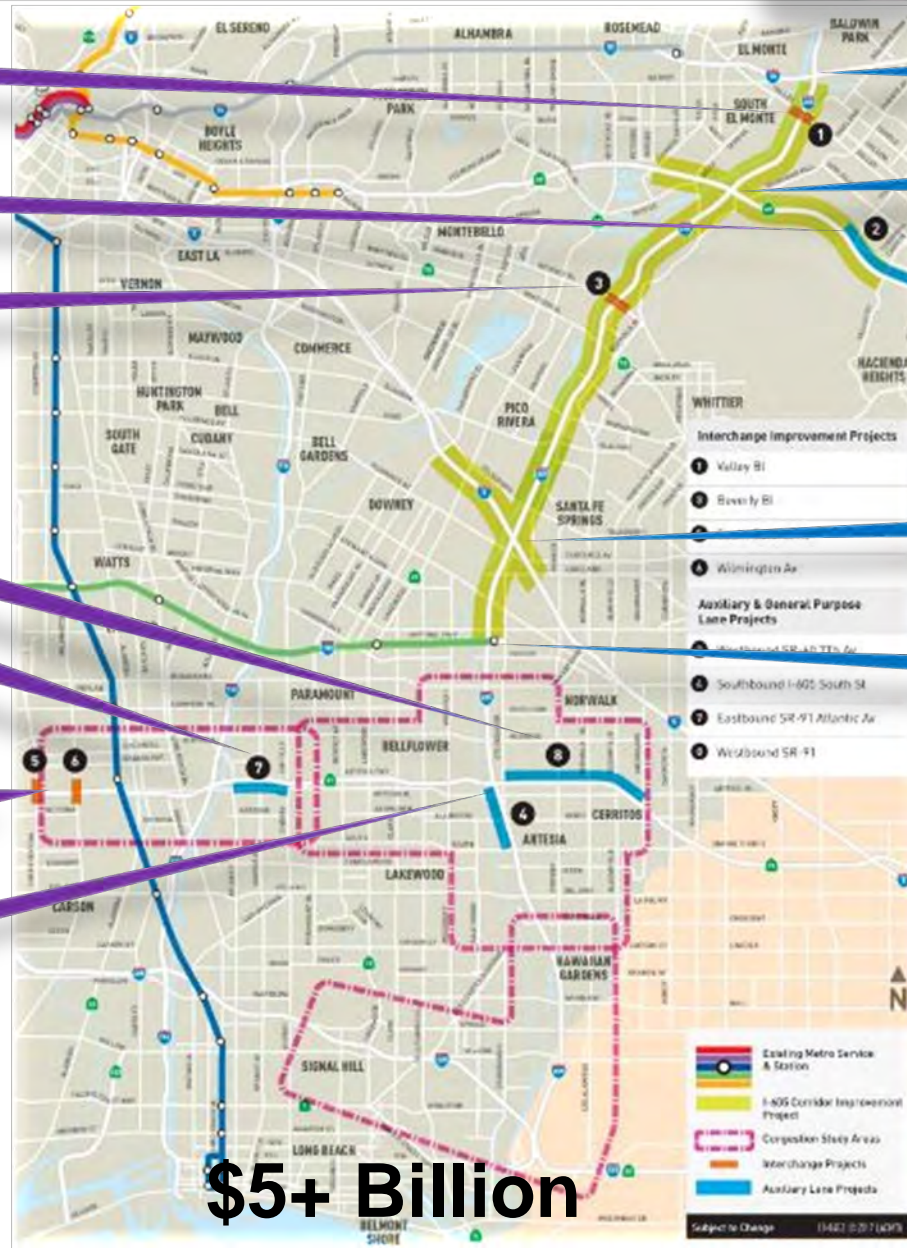
I-605/I-10

I-605/SR-60

I-605/I-5

I-605/I-105

PAED



Metro

\$5+ Billion

+ 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 EIR/EIS: TBD
- Early Action projects: TBD

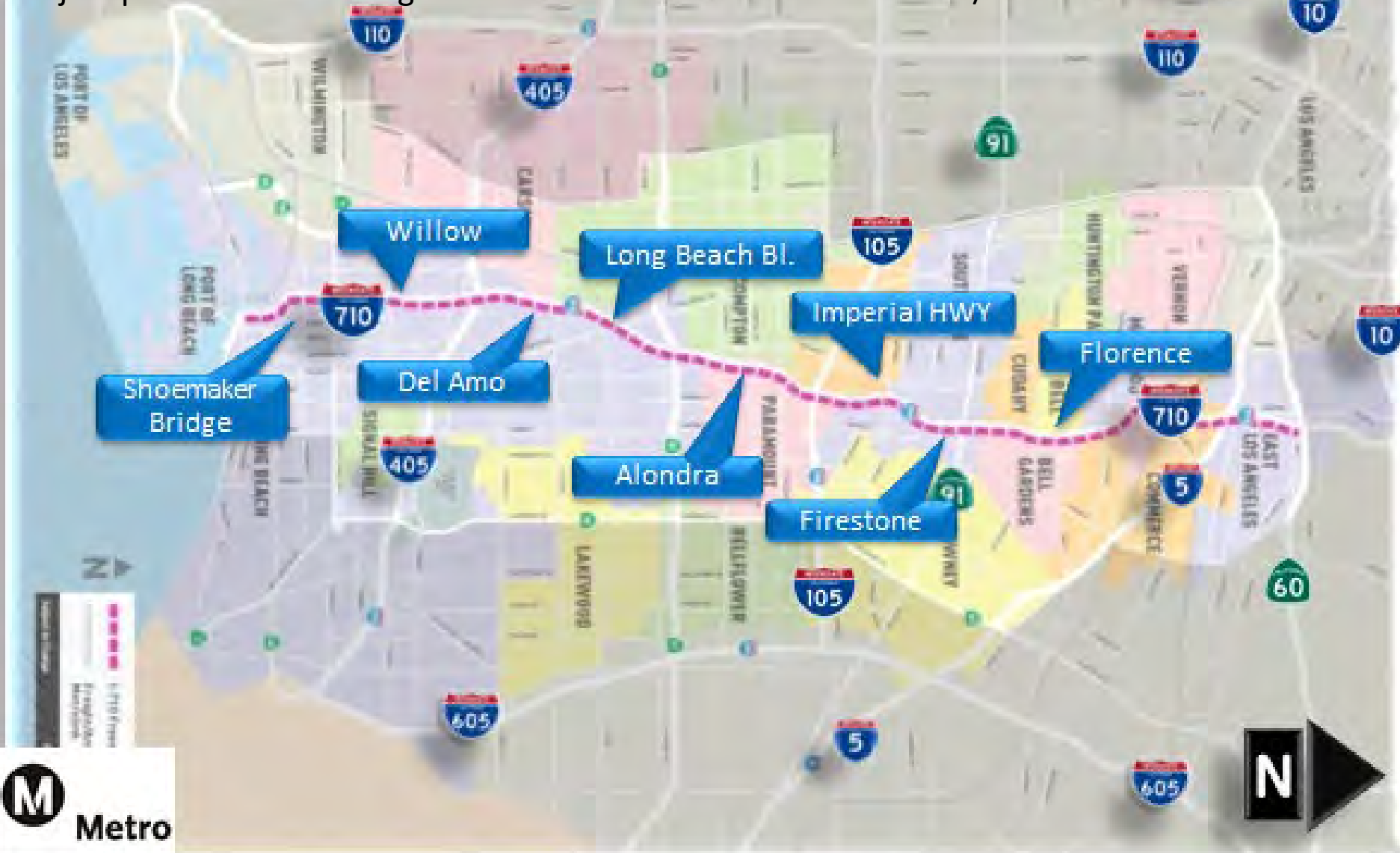


**Metro**

# Early Action Projects



Project prioritization through collaboration with the corridor cities/GCCOG



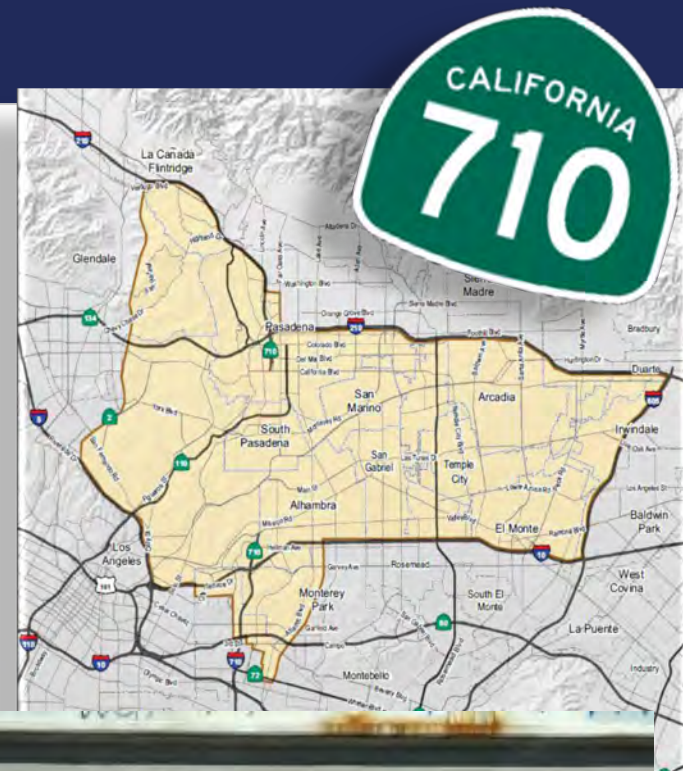
# State Route 710 (North)

## 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

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

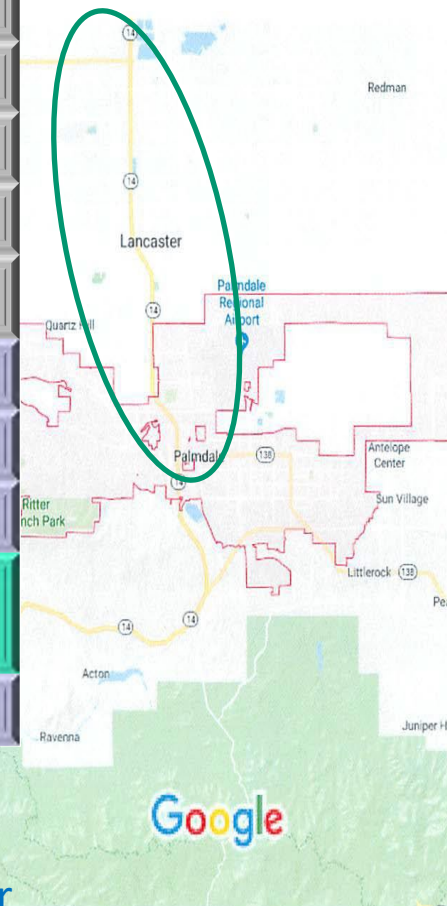




# M.R. SR-14/138 Projects



	Project	Construction Date (Estimate)
Lancaster	SR-138/SR-14 Avenue K Interchange	February 2022
	SR-138/SR-14 Avenue G Interchange	March 2021
	SR-138/SR-14 Avenue J Interchange	October 2020
	SR-138/SR-14 Avenue L Interchange	January 2022
	SR-138/SR-14 Avenue M Interchange	January 2022
Palmdale	SR-138/Palmdale Blvd., 5th to 10th Street East	October 2021
	SR-138/Palmdale Blvd., SB SR-14 Ramps	January 2021
	SR-138, 10th Street West Interchange	August 2022
	SR-138 Widening, Rancho Vista Blvd. to Palmdale Blvd.	Completed
	SR-138, Avenue N Overcrossing	May 2022



Construction contracts by Palmdale and Lancaster

# High Desert Corridor



## Project Summary

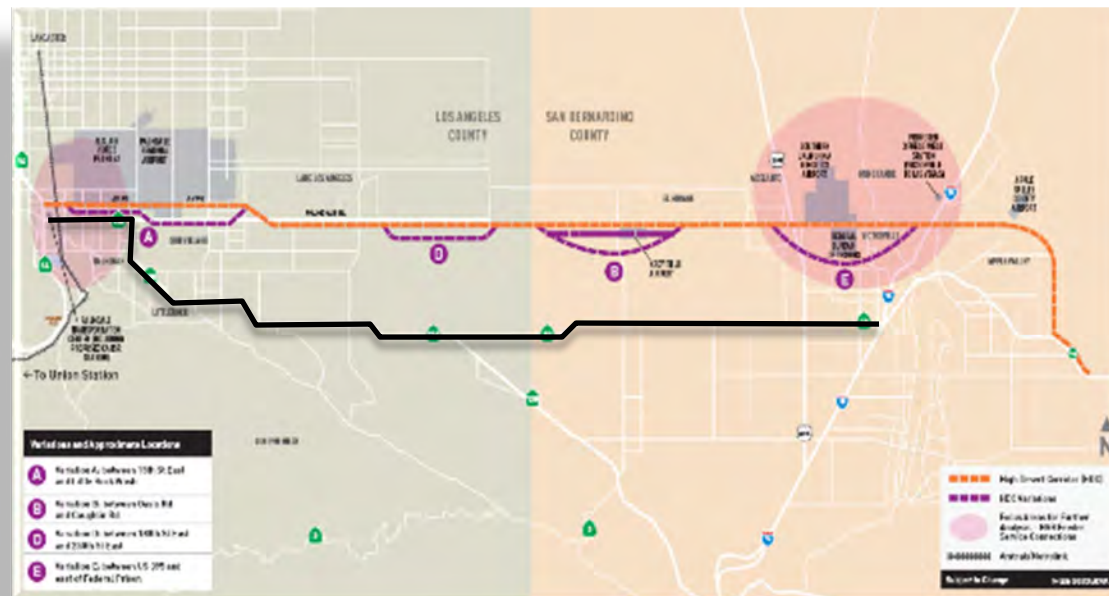
- 63 miles - Highway, Expressway, Tollway, High Speed Rail, Bikeway, and energy production/transmission corridor concepts
- Connecting North Los Angeles County and San Bernardino County (Victorville)
- Transit connection between the CHSR and the XpressWest
- In Measure M for ROW and related services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

## Status Update

- Passenger rail feasibility study started
- Highway alignment alternative PSR on 138/18 to start in early 2021



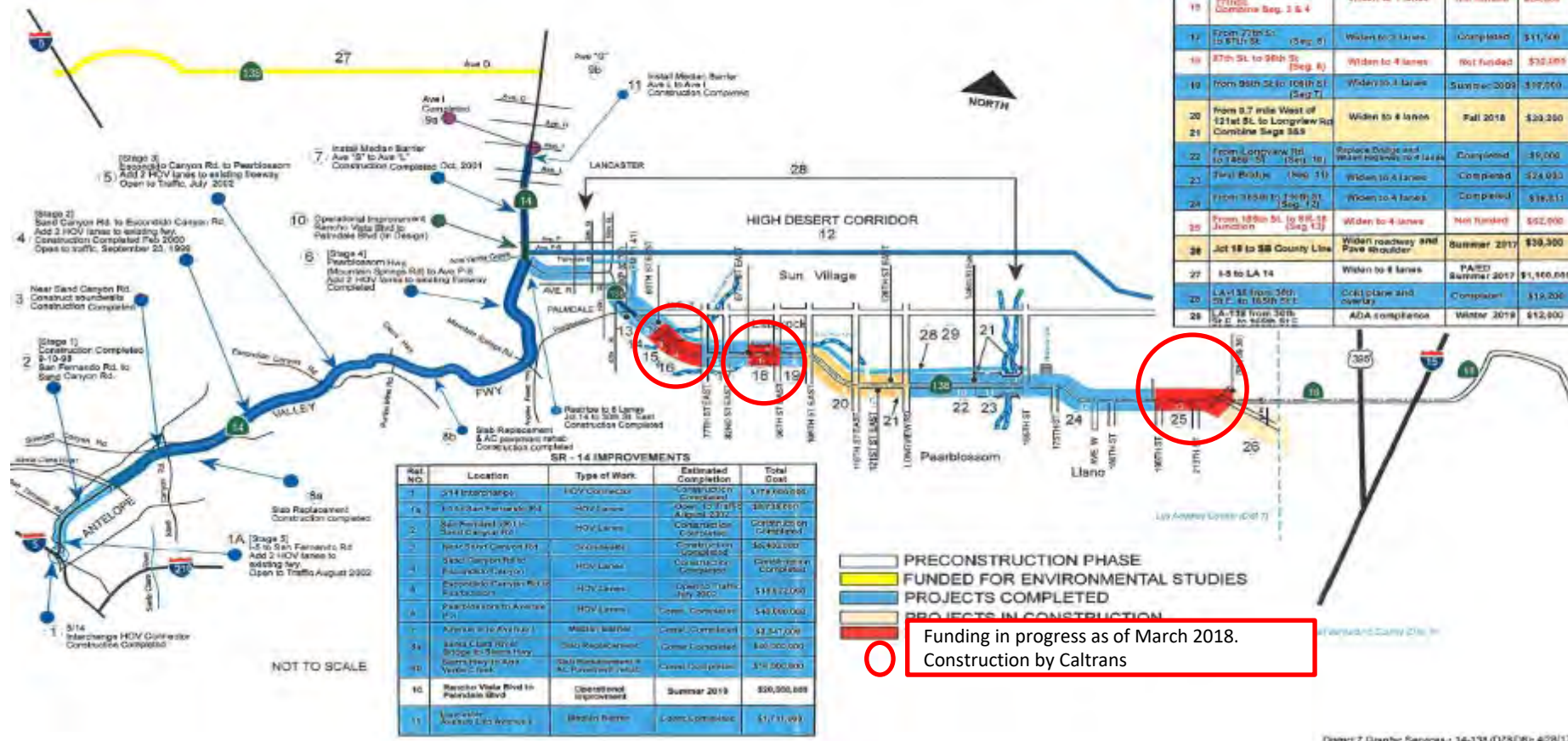
**Metro**



# SR-138, SR-14 to LA/SB County Line



## CALTRANS PROJECTS ON ROUTES 14 AND 138 IN LOS ANGELES AND SAN BERNARDINO COUNTIES



Ref. No.	Location	Phase	Estimated Cost
17	LA 14 to SR 138 High Desert Corridor	Major	\$1,100,000,000
18	From Ave 1 to Ave 11 (Extended Seg 1)	Development Rehabilitation	\$10,000,000
19	From Ave 1 to Ave 11 (Seg 2)	Widen to 4 lanes	Completed \$10,000,000
15	From 2.2 mile West of Little Rock Wash to 17TH ST	Widen to 4 lanes	Not funded \$54,600,000
16	From 2.2 mile West of Little Rock Wash to 17TH ST	Widen to 4 lanes	Completed \$11,500,000
17	From 21ST ST to 27TH ST (Seg 5)	Widen to 4 lanes	Completed \$11,500,000
18	27th St to 30th St (Seg 6)	Widen to 4 lanes	Not funded \$32,800,000
19	From 30th St to 108th St (Seg 7)	Widen to 4 lanes	Summer 2009 \$19,900,000
20	From 0.7 mile West of 121st St to Longview Rd	Widen to 4 lanes	Fall 2018 \$20,200,000
21	From 121st St to Longview Rd	Combine Segs 20 & 21	
22	From Longview Rd to 145th St (Seg 10)	Replace Bridge and Widen roadway to 4 lanes	Completed \$6,000,000
23	From 145th St to 158th St (Seg 11)	Widen to 4 lanes	Completed \$24,000,000
24	From 158th St to 169th St (Seg 12)	Widen to 4 lanes	Completed \$18,000,000
25	From 169th St to SR 138 Junction (Seg 13)	Widen to 4 lanes	Not funded \$52,000,000
26	LA 138 from 30th St to SR 138	ADA compliance	Winter 2019 \$12,000,000
27	LA 138 from 26th St to 165th St	ADA compliance	Winter 2019 \$12,000,000
28	LA 138 from 30th St to SR 138	ADA compliance	Winter 2019 \$12,000,000

Ref. No.	Location	Type of Work	Estimated Completion	Total Cost
1	SR 14 Interchange	HOV Connector	Completed	\$179,800,000
18	From San Fernando Rd to San Gabriel Rd	HOV Lanes	Open to Traffic August 2002	\$87,318,000
2	San Fernando Rd to San Gabriel Rd	HOV Lanes	Contract for Construction	Completed
3	From Sand Canyon Rd to Escrowado Canyon Rd	HOV Lanes	Contract for Construction	\$64,000,000
4	From Sand Canyon Rd to Escrowado Canyon Rd	HOV Lanes	Contract for Construction	Completed
5	Escrowado Canyon Rd to Sand Canyon Rd	HOV Lanes	Open to Traffic July 2002	\$118,220,000
6	From Sand Canyon Rd to Avenue 101	HOV Lanes	Completed	\$48,000,000
7	Avenue 101 to Avenue 111	Major Street	Completed	\$2,247,000
8	Avenue 111 to Avenue 121	Major Street	Completed	\$4,000,000
9	From 11th St to Ave 11	Operational Improvement	Completed	\$19,900,000
10	From 11th St to Ave 11	Operational Improvement	Completed	\$19,900,000
11	From 11th St to Ave 11	Operational Improvement	Completed	\$1,711,000



# Soundwalls

- New / Retrofit
- Priorities



**Caltrans  
Responsibility**

**1997  
SB45**

**Metro  
Responsibility**



**Metro**

# Countywide Soundwall Program Status

Phase/Package	Status
Phase I Priority 1 Packages 1-8	Completed
Phase I Priority 2 Package 10	<b>In Design</b> <b>Beg. Construction in 2021-22</b>
Phase I Priority 2 Package 11	<b>In Construction</b> <b>(Package 9 Scope included in Package 11)</b>
Phase I Priority 2 Packages 12-14	NBSSR TBD
Phase I Priority 3	List not funded/not prioritized
Phase II	List not funded/not prioritized

## Priority 2

<u>Pkg</u>	<u>Route</u>	<u>Miles</u>	
12	210	1.7	Glendora
13	405	9	Long Beach, Carson
14	134	<u>0.6</u>	Eagle Rock
		<b>11.3</b>	<b>NET: 4.1 miles</b>

## Priority 3

57	7.8	Diamond Bar
91	5.6	Bellflower
118	13.8	Los Angeles
134	0.6	Toluca Lake, Burbank
405	<u>0.7</u>	Long Beach, Los Angeles

**28.5**  
**NET: 7.6 miles**

**Total Miles: 39.8 (NET: 11.7)**

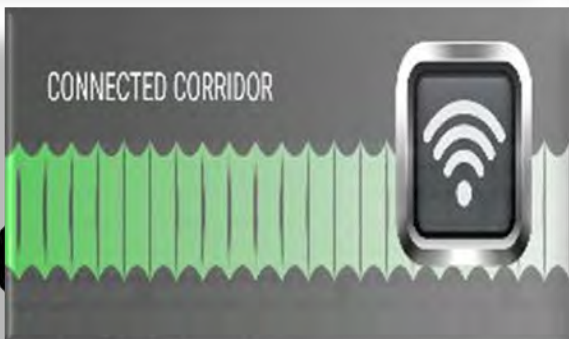
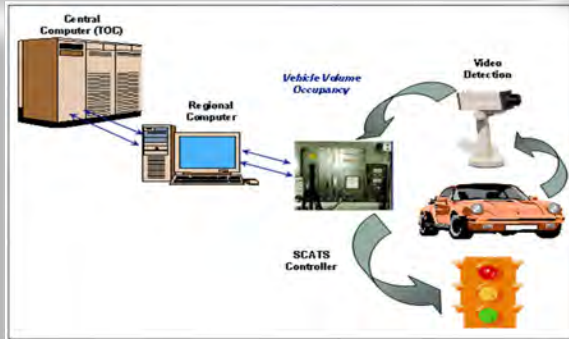
# Countywide Soundwall Program Status

<u>Route</u>	<u>Miles</u>	<u>Jurisdiction</u>
2	9.2	Los Angeles
5	10.2	Los Angeles
10	38.33	Santa Monica, LA, Alhambra, Monterey Park
14	8.4	Los Angeles, Lancaster
47	1.2	Los Angeles
57	2.8	Pomona
60	7.3	Los Angeles
71	1.7	Pomona
90	2.6	Los Angeles
91	0.12	Cerritos
101	14.77	Los Angeles, SFV, Calabasas
105	10.52	Los Angeles, Hawthorne, Lynwood, Willowbrook
110	18.55	Los Angeles, San Pedro
118	0.2	Los Angeles, Chatsworth
134	1.29	Los Angeles, Burbank, Glendale
210	42.6	Los Angeles, Glendale, Pasadena, Arcadia, Glendora,
405	3.04	Los Angeles, Long Beach
605	3.05	Lakewood, Pico Rivera, Whittier, Norwalk
710	<u>2.4</u>	Bell, South Gate
	<b>178.27 (NET: 68.8 miles)</b>	



**Metro**

# Transportation Technology/Op. Improvements



# Progress

3

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- *SR-138 Widening, Rancho Vista Blvd. to Palmdale Blvd.* Completed
- *I-5 HOV Lanes; SR-14 to Parker Road* Construction
- *I-605/South Street Interchange Improvements* RTL
- *SR-138 Segment 6* Construction
- *Soundwall Pkg. 10* PS&E → RTL April
- *SR-57/SR-60 Interchange Improvements* PS&E
- *SR-60/7th Avenue Interchange Improvements* PAED
- *SR-72 (Whittier Blvd.) @Painter and S.F. Springs Rd.* PS&E
- *SR-91 WB Improvements between Shoemaker and I-605* PS&E
- *SR-91 EB Improvements between Atlantic and Cherry* PS&E
- *SR-91 Improvements between Central Avenue and Acacia* PS&E
- *SR-138 (Palmdale Blvd.), 5th St. to 10th Street East* PS&E
- *SR-138/SR-14 SB Ramps at Palmdale Blvd.* PS&E
- *SR-138/SR-14 10th Street West Interchange* PS&E
- *SR-138/SR-14 Avenue J Interchange* PS&E
- *SR-138/SR-14 Avenue K Interchange* PS&E
- *SR-138/SR-14 Avenue M Interchange* PS&E
- *SR-138/SR-14 Avenue N Overcrossing* PS&E
- *I-405 NB and SB Imp., I-105 to Artesia Blvd.* PS&E (New)
- *I-605/Beverly Blvd. Interchange Improvements* PS&E
- *I-605/Valley Blvd. Interchange Improvements* PS&E
- *SR-710 San Gabriel Intersections* PS&E
- *I-710 Early Action Projects (Soundwalls)* PS&E



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# Progress

## 7

- *I-710/Shoemaker Bridge Replacement* *PS&E*
- *I-405 Improvements NB/SB between I-110 and Wilmington* *PAED (New)*
- *I-605 Corridor Improvements between I-105 and I-10* *PAED*
- *I-710 Corridor Improvements* *PAED*
- *I-710 Integrated Corridor Management* *PAED*
- *Imperial Hwy Corridor Capacity Enhancements-Lynwood* *PAED*
- *SR-138/SR-14 Avenue G Interchange* *PAED*
- *SR-138/SR-14 Avenue L Interchange* *PAED*
  
- *Local Streets/Intersections* *Various Phases*
- *Freight Advanced Traveler Information System* *Study/Technology Implementation*
  
- *SR-710 Mobility Improvement Projects* *TBD*
- *I-710 Early Action Projects (Roadway/Interchanges)* *TBD*



# Bucket 1 – Work to Continue

## *Health and safety for customers and employees*

- PPE
- Cleaning services
- Additional expenses directly related to COVID-19

## *Operating and maintaining bus and rail services per Transit Operations Plan*

## *Federal and State regulatory required activities*

## *Legally required payments (contractual obligations)*

- Debt service
- Subsidies
- Licenses, utilities, rental, etc.

## *Major infrastructure and projects under executed contracts*

- Airport Metro Connector <sup>(1)</sup>
- Crenshaw/LAX <sup>(1)</sup>
- Division 20 Portal Widening and Turnback
- Gold Line Foothill Extension <sup>(1)</sup>
- I-5 North HOV (along SR-134 to Buena Vista area) <sup>(1)</sup>
- I-5 South HOV (I-605 to Orange County line) <sup>(1)</sup>
- Light Rail Vehicle Acquisition Program
- Link US (Phase 1 only)
- Metro Bus Fleet Replacement (incl. electrification for buses and infrastructure for Orange Line)
- Patsaouras Bus Station
- Purple Line Extension <sup>(1)</sup>
- Regional Connector <sup>(1)</sup>
- Soundwall Package 11 <sup>(1)</sup>
- SR-138 Corridor project in construction <sup>(1)</sup>
- Willowbrook/Rosa Parks Station Upgrade & Mezzanine



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# Bucket 2 - Projects to be Delayed

## *Highway / Street Improvements*

- Adams Flyover
- Alameda Corridor East grade separation phase 2 <sup>(1)</sup>
- Centinela grade separation
- Countywide Soundwall Noise Studies <sup>(1)</sup>
- Eastside Light Rail Access <sup>(1)</sup>
- First / Last Mile (PLE and others) <sup>(1)</sup>
- I-105 ExpressLanes <sup>(1)</sup>
- I-210 Barriers
- I-5 Capacity Enhancements (SR14 to Parker Road) <sup>(1)</sup>
- I-5 Corridor Improvement I-605 to I-710 <sup>(1)</sup>
- I-605 Hotspots (incl SR-91 interchange) <sup>(1)</sup>
- I-710 South Corridor Project <sup>(1)</sup>
- L.A. River (Bike) Path <sup>(1)</sup>
- La Canada Soundwalls
- Rail to Rail ATP
- Rail to River ATP
- Rosecrans/Marquardt Grade Separation <sup>(1)</sup>
- Soundwall Packages 12, 13, and 14 <sup>(1)</sup>
- South Bay Highway Operational Improvements <sup>(1)</sup>
- SR-138 new project initiation documents <sup>(1)</sup>
- SR-57 / SR-60 Interchange Improvements <sup>(1)</sup>
- SR-71 GAP - Mission Blvd to San Bernardino County Line <sup>(1)</sup>



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# Discussions

