

ATTACHMENT A

Measure R Highway Operational Improvements Project List
Arroyo Verdugo Subregion Measure R Highway Operational Improvements Project List

Programmed Dollars in Thousands

(C)hange (A)dd (D)elate	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
			Arroyo Verdugo Operational Improvements (44 projects - 5 new)	67,051	39,566	3,721	14,700	1,400	0	7,364
	Burbank	MR310.06	San Fernando Blvd. / Burbank Blvd. Intersection	2,325	2,325					
C	Burbank	MR310.07	Widen Magnolia Blvd / I-5 Bridge for center-turn lane	3,967			250			3,717
	Burbank	MR310.08	I-5 Corridor Arterial Signal Improvements	2,600	2,600					
	Burbank	MR310.09	SR-134 Corridor Arterial Signal Improvements	2,975	2,975					
C	Burbank	MR310.10	Widen Olive Ave / I-5 Bridge for center-turn lane	3,897			250			3,647
	Burbank	MR310.11	Olive Ave. / Verdugo Ave. Intersection Improvement	1,600	1,600					
C	Burbank	MR310.23	Chandler Bikeway Extension (call match) F7506	659,821		185,790	474,031			
A	Burbank	TBD	SR-134 Corridor Arterial Signal Improvements - Phase 1	1,300			1,300			
A	Burbank	TBD	Media District Traffic Signal Improvements	1,400			1,400			
A	Burbank	TBD	I-5 Corridor Arterial Signal Improvements - Phase 1	800			800			
A	Burbank	TBD	Glencoe Blvd Arterial and First St Signal Improvements	1,900			500	1,400		
			TOTAL BURBANK	23,424	9,500	186	4,974	1,400	0	7,364
	Glendale	MR310.01	Fairmont Ave. Grade Separation at San Fernando Rd. (Construction) (Completed)	1658.7	1,659					
	Glendale	MR310.02	Fairmont Ave. Grade Sep. at San Fernando -- Design (FA canceled and funds previously moved to MR310.01)	0						
	Glendale	MR310.04	San Fernando/Grandview At-Grade Rail Crossing Imp. (Completed)	1,850	1,850					
	Glendale	MR310.05	Central Ave Improvements / Broadway to SR-134 EB Offramp (Completed)	3,250	3,250					
	Glendale	MR310.13	Glendale Narrows Bikeway Culvert	876.5	876.50					
	Glendale	MR310.14	Verdugo Road Signal Upgrades (Completed)	557	557					
	Glendale	MR310.16	SR-134 / Glendale Ave. Interchange Modification	1,585	1,585					
	Glendale	MR310.17	Ocean Blvd. Project -- from Verdugo Rd. to N'ly City Boundaries	1,000	1,000					
	Glendale	MR310.18	Sonora Avenue At-Grade Rail Crossing Safety Upgrade (Completed)	2,700	2,700					
	Glendale	MR310.19	Traffic Signal Sync Brand / Colorado-San Fernando / Glendale-Verdugo (Completed)	1,250	1,250					
	Glendale	MR310.20	Verdugo Rd / Honolulu Ave / Verdugo Blvd Intersection Modification (Completed)	400	400					
	Glendale	MR310.21	Colorado St. Widening between Brand Blvd. and East of Brand Blvd. (Completed)	350	350					
	Glendale	MR310.22	Glendale Narrows Riverwalk Bridge	600	600					

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(C)change (A)dd (D)lete	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Glendale	MR310.24	Construction of Bicycle Facilities	300	300					
	Glendale	MR310.25	210 Soundwalls Project	4,520		1,520	3,000			
	Glendale	MR310.26	Bicycle Facilities, Phase 2 (Class III Bike Routes)	165		165				
	Glendale	MR310.28	Pennsylvania Ave Signal at I-210 On/Off-Ramps	400		400				
	Glendale	MR310.32	Regional Arterial Performance Measures	100			100			
C	Glendale	MR310.34	Regional Bike Stations (Call Match) F7709	332,123			332,123			
	Glendale	MR310.36	Signalizations of SR-2 Fwy Ramps @ Holly	600		100	500			
	Glendale	MR310.35	Signal Installations at Various Locations	1,500	1,500					
	Glendale	MR310.37	Verdugo Boulevard Traffic Signal Modification at Vahili Way and SR-2	600		600				
	Glendale	MR310.39	Widening of SR-2 Fwy Ramps @ Mountain	1,200	0	150	1,050			
	Glendale	MR310.40	Pacific Ave: Colorado to Glenoaks & Burchett St: Pacific To Central Street Improve	3,315	3,315					
	Glendale	MR310.41	Doran St. (From Brand Bold. To Adams St.)	1,200	1,200					
	Glendale	MR310.42	Arden Ave. (From Highland Ave. to Kenilworth St.) (Completed)	900	900					
	Glendale	MR310.43	Verdugo Rd. Street Improvements Project (Traffic Signal Modification)	585	585					
C	Glendale	TBD	Traffic Signals on Glenwood Rd. and Modifications on La Crescenta and Central Ave.	1,200			1,200			
A	Glendale	TBD	San Frenando Rd and Los Angeles Street Traffic Signal Installation & Intersection Modification	400			400			
			TOTAL GLENDALE	33,395	23,878	2,935	6,582	0	0	0
	La Canada Flintridge	MR310.03	Soundwalls on Interstate I-210 (Completed)	4,588	4,588					
	La Canada Flintridge	MR310.45	Soundwalls on Interstate I-210 in La Canada-Flintridge (phase 2)	1,800	600	600	600			
			TOTAL LA CANADA FLINTRIDGE	6,388	5,188	600	600	0	0	0
	LA County	MR310.44	Soundwalls on Interstate I-210 in LA Crescenta-Montrose	3,044	1,000		2,044			
			TOTAL LA COUNTY	3,044	1,000	0	2,044	0	0	0
	Metro	MR310.29	NBSSR Soundwalls on I-210 Glendale/La Crescenta-Montrose	800	0	300	500			
			METRO	800	0	300	500	0	0	0
			TOTAL ARROYO VERDUGO	67,051	39,566	4,021	14,700	1,400	0	7,364

Legend (C)change (A)dd (D)lete*

Change = project budget adjustment, reprogramming, scope adjustment

Add = addition of new project to the subregional list

Delete = removal of project from subregional list

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Measure R Highway Operational Improvements Project List

Las Virgenes/Malibu Operational Improvements

(Programmed Dollars in Thousands)

Change (A)dd (D)lete	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
			Las Virgenes/Malibu Operational Improvements (24 projects)	141,851	104,901	21,550	10,400			
	Westlake Village	MR311.01	Lindero Canyon Road Interchange, Phase 3A Design	343,745	343,745					
	Westlake Village	MR311.02	Highway 101 Park and Ride Lot (Design)	243,650	243,650					
C	Westlake Village	MR311.10	Rte 101/Lindero Cyn. Rd. Interchange Improvements, Phase 3B,4B Construction (completed)	3,251	3,251					
C	Westlake Village	MR311.18	Rte 101/Lindero Cyn. Rd. Interchange Improvements, Phase 3A Construction	9,419	8,969,000	450				
C	Westlake Village	MR311.19	Highway 101 Park and Ride Lot (Construction)	4,943,605	4,943,605					
			TOTAL WESTLAKE VILLAGE	18,201,000	17,751,000	450	0	0	0	0
C	Agoura Hills	MR311.03	Palo Comando Interchange	4,000	4,000					
	Agoura Hills	MR311.04	Agoura Road/Kanan Road Intersection Improvements	1,000	1,000					
C	Agoura Hills	MR311.05	Agoura Road Widening (completed)	36,850	32,000,000	4,850				
	Agoura Hills	MR311.14	Kanan Road Overpass Expansion -- PSR, PR, PS&E	150	150,000					
	Agoura Hills	MR311.15	Agoura Hills Multi-Modal Center	100	0,000	100				
			TOTAL AGOURA HILLS	42,100	37,150	4,950	0	0	0	0
	Calabasas	MR311.06	Lost Hills Overpass and Interchange	33,000	26,000,000	7,000				
	Calabasas	MR311.07	Mulholland Highway Scenic Corridor Completion (completed)	4,389.8	4,389,800					
	Calabasas	MR311.08	Las Virgenes Scenic Corridor Widening	5,746.2	5,746,200					
	Calabasas	MR311.09	Parkway Calabasas/US 101 SB Offramp	214	214,000					
	Calabasas	MR311.20	Off-Ramp for US 101 at Las Virgenes Road	500	500,000					
	Calabasas	MR311.33	Park and Ride Lot on or about 23577 Calabasas Road (near Route 101) (completed)	3,700	3,700,000					
			TOTAL CALABASAS	47,550	40,550	7,000	0	0	0	0
	Malibu	MR311.24	Malibu/Civic Center Way Widening	3,000	2,250,000	750				
	Malibu	MR311.26	PCH-Raised Median and Channelization from Webb Way to Corral Canyon Road	6,950	3,050,000	900	3,000			
	Malibu	MR311.27	PCH Intersections Improvements	1,000	0,000	1,000				
	Malibu	MR311.28	Kanan Dume Road Arrestor Bed Improvements and Intersection with PCH (Construction) (completed)	900	900,000					
	Malibu	MR311.29	PCH Regional Traffic Message System (CMS)	2,500	500,000	500	1,000	500		
	Malibu	MR311.30	PCH Roadway and Bike Route Improvements fr. Busch Dr. to Western City Limits	500	500,000					
	Malibu	MR311.32	PCH and Big Rock Dr. Intersection and at La Costa Area Pedestrian Improvements	950	950,000					
	Malibu	MR311.35	Pacific Coast Highway Shoulder Improvements (Various Locations)	3,500	500,000	1,500	1,500			
	Malibu	MR311.11	PCH Signal System Improvements from John Tyler Drive to Topanga Canyon Blvd	13,700	300,000	4,000	4,900	4,500		
			TOTAL MALIBU	33,000	8,950	8,650	10,400	5,000	0	0
	Hidden Hills	MR311.34	Long Valley Road/Valley Circle/US-101 On-Ramp Improvements	1,000	500,000	500				
			TOTAL HIDDEN HILLS	1,000	500	500	0	0	0	0
			TOTAL LAS VIRGENES/MALIBU	141,851	104,901	21,550	10,400	5,000	0	0

Legend (C)hange (A)dd (D)lete

Change = project budget adjustment, reprogramming, scope adjustment

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Measure R Highway Operational Improvements Project List
 Interstate 405, I-110, I-105, and SR-91 Ramp and Interchange Improvements (SOUTH BAY)

(Programmed Dollars in Thousands)

(C)hange (A)dd (D)eleite	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	SBCCOG	MR312.01	I-405, I-110, I-105, and SR-91 RAMP and INTERCHANGE IMPROVEMENTS (SOUTH BAY) (66 projects - 3 new) South Bay Cities COG Program Development & Oversight and Program Administration <i>(Project Development Budget Included)</i>	233,024	140,588	25,008	36,078	23,946	6,415	0
			TOTAL SBCCOG	13,375	9,764	1,900	500	594	617	0
C	Caltrans	MR312.11	ITS: I-405, I-110, I-105, SR-91 at Freeway Ramp/Arterial Signalized Intersections	5,357	5,000	357				
	Metro/ Caltrans	MR312.24	I-110 Aux lane from SR-91 to Torrance Blvd Aux lane & I-405/I-110 Connector	20,000	3,450	5,900	5,900	4,750	0	
	Metro/ Caltrans	MR312.25	I-405 at 182nd St. / Crenshaw Blvd Improvements	20,000	2,000	2,000	5,900	5,900	4,200	
	Caltrans	MR312.29	ITS: Pacific Coast Highway and Parallel Arterials From I-105 to I-110	9,000	9,000					
	Caltrans	MR312.45	PAED Integrated Corridor Management System (ICMS) on I-110 from Artesia Blvd and I-405	1,000	0			1,000		
			TOTAL CALTRANS	55,357	19,450	8,257	11,800	11,650	4,200	0
	Carson	MR312.37	Sepulveda Blvd widening from Alameda Street to ICTF Driveway	1,158	1,158					
	Carson	MR312.46	Upgrade Traffic Control Signals at the Intersection of Figueroa St and 234th St. and Figueroa and 228th st.	150	0	65	85			
	Carson	MR312.41	Traffic Signal Upgrades at 10 Intersections	1,400	0	500	900			
			TOTAL CARSON	2,708	1,158	565	985	0	0	0
C	El Segundo	MR312.22	Maple Ave Improvements from Sepulveda Blvd to Parkview Ave. (Completed)	2,500	2,500					
	El Segundo	MR312.27	PCH Improvements from Imperial Highway to El Segundo Boulevard	400	400					
	El Segundo	MR312.57	Park Place Roadway Extension and Railroad Grade Separation Project	350	350					
			TOTAL EL SEGUNDO	3,250	3,250	0	0	0	0	0
C	Gardena	MR312.17	Rosecrans Ave Improvements from Vermont Ave to Crenshaw Blvd (Completed)	4,967	4,967					
C	Gardena	MR312.19	Artesia Blvd at Western Ave Intersection Improvements (Westbound left turn lanes) (Completed)	393	393					
C	Gardena	MR312.21	Vermont Ave Improvements from Rosecrans Ave to 182nd Street (Completed)	2,090	2,090					
	Gardena	MR312.02	Traffic Signal Reconstruction on Vermont at Redondo Beach Blvd and at Rosecrans Ave.	1,500		40	1,460			
	Gardena	MR312.09	Artesia Blvd Arterial Improvements from Western Ave to Vermont Ave	2,523		80	180	2,263		
			TOTAL GARDENA	11,473	7,450	120	1,640	2,263	0	0

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(C)hange (A)dd (D)elate	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Hawthorne	MR312.03	Rosecrans Ave Widening from I-405 SB off ramp to Isis Ave (Completed)	2,100	2,100					
	Hawthorne	MR312.33	Aviation Blvd at Marine Ave Intersection Improvements (Westbound right turn lane)	3,600	3,600					
	Hawthorne	MR312.44	Hawthorne Blvd Improvements from El Segundo Blvd to Rosecrans Ave (Completed)	7,551	7,551					
	Hawthorne	MR312.47	Signal Improvements on Prairie Ave from 118th St. to Marine Ave.	1,237	0	200	418	619		
	Hawthorne	MR312.54	Intersection Widening & Traffic Signal Modifications on Inglewood Ave at El Segundo Blvd; on Crenshaw Blvd At Rocket Road; on Crenshaw at Jack Northop; and on 120th St. from Prairie Ave to Felton Ave	2,000	0	1,000	1,000			
	Hawthorne	MR312.61	Hawthorne Blvd Arterial Improvements, from 126th St to 111th St.	4,400	0	600	1,000	2,800		
	Hermosa Beach	MR312.05	TOTAL HAWTHORNE	20,888	13,251	1,800	2,418	3,419	0	0
	Hermosa Beach	MR312.38	PCH (SR-1/PCH) Improvements between Anita St. and Artesia Boulevard (Southbound left turn lanes)	304	304					
	Hermosa Beach	MR312.63	Pacific Coast Highway at Aviation Blvd Intersection Improvements	872	872					
			PAVED on PCH from Aviation Blvd to Prospect Ave	1,800	0	400	1,400			
			TOTAL HERMOSA BEACH	2,976	1,176	400	1,400	0	0	0
	Inglewood	MR312.12	Intelligent Transportation System (ITS): City of Inglewood Citywide ITS Master Plan	3,500	3,500					
	Inglewood	MR312.50	ITS: Phase V - Communication Gap Closure on Various Locations, ITS Upgrade and Arterial Detection	384			192	192		
			TOTAL INGLEWOOD	3,884	3,500	0	192	192	0	0
	LA City	MR312.56	Del Amo Blvd Improvements from Western Ave to Vermont Ave Project Oversight	100	100					
C	LA City	MR312.51	Improve Anaheim St. from Farragut Ave. to Dominguez Channel (Call Match) F7207	1,313.04		262,608	1050,433			
A	LA City	TBD	Alameda St. (South) Widening firm. Anaheim St. to Harry Bridges Blvd	2,875			2875			
			TOTAL LA CITY	4,288	100	263	3,925	0	0	0
C	LA County	MR312.16	Del Amo Blvd improvements from Western Ave to Vermont Ave	23,498	6,900	5,000	5,000	5,000	1,598	
	LA County	MR312.52	ITS: Improvements on South Bay Arterials	1,021	0		401	620		
			TOTAL LA COUNTY	24,519	6,900	5,000	5,401	5,620	1,598	0

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(C)hange (A)dd (D)elate	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Lawndale	MR312.15	Inglewood Ave Widening from 156th Street to I-405 Southbound on-ramp	500	500					
	Lawndale	MR312.36	ITS: City of Lawndale Citywide Improvements (Completed)	1,500	1,500					
C	Lawndale	MR312.49	Redondo Beach Blvd Mobility Improvements from Prairie to Artesia (Call Match) F9701	1,039,262		272,954	766,308			
A	Lawndale	TBD	Manhattan Bch Blvd at Hawthorne Blvd Left Turn Signal Improvements	508			300	208		
			TOTAL LAWDALE	3,547	2,000	273	1,066	208	0	0
	Lomita	MR312.43	Intersection Improvements at Western/Palos Verdes Dr and PCH/Walnut	900	900					
			TOTAL LOMITA	900	900	0	0	0	0	0
C	Manhattan Beach	MR312.04	Sepulveda Blvd at Marine Ave Intersection Improvements (West Bound left turn lanes) (Completed)	346	346					
	Manhattan Beach	MR312.28	Seismic retrofit of widened Bridge 53-62 from Sepulveda Blvd from 33rd Street to south of Rosecrans Ave	9,100	9,100					
	Manhattan Beach	MR312.34	Aviation Blvd at Artesia Blvd Intersection Improvements (Southbound right turn lane)	1,500	1,500					
	Manhattan Beach	MR312.35	Sepulveda Blvd at Manhattan Beach Blvd Intersection Improvements (NB, WB, EB left turn lanes and SB right turn lane)	980	980					
	Manhattan Beach	MR312.62	Sepulveda Blvd Operational Improvements at Rosecrans Ave, 33rd St, Cedar Ave, 14th St and 2nd St.	900	0	50	850			
			TOTAL MANHATTAN BEACH	12,826	11,926	50	850	0	0	0
	Metro/Caltrans	MR312.30	Feasibility Study for I-405 from I-110 to I-105 and I-105 from I-405 to I-110	400			400			
	Metro/Caltrans	TBD	Feasibility Study for I-405 from I-110 to I-105 and I-105 from I-405 to I-110	300			300			
	Metro/Caltrans	MR312.48	Western Ave. (SR-213) from Palos Verdes Drive North to Gardena – PSR	170		70	100			
	Metro/Caltrans	MR312.32	SR-1 from Eastern Boundary of Carson to Eastern Boundary of Torrance – PSR	170		70	100			
	Metro	PS4010-2540	South Bay Arterial Baseline Conditions Analysis (Completed)	250	250					
	Metro	MR312.31	Inglewood Transit Center at Florence/La Brea	1,500	260	1,240				
			TOTAL METRO	2,790	510	1,380	900	0	0	0

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(C)hange (A)dd (D)elete	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Rancho Palos Verdes	MR312.39	Western Ave. (SR-213) from Palos Verdes Drive North to 25th street -- PSR	90		30	60			
			TOTAL RANCHO PALOS VERDES	90		30	60			
A	POLA	TBD	SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd	900		900				
			PORT OF LOS ANGELES	900		900				
	Redondo Beach	MR312.06	Pacific Coast Highway improvements from Anita Street to Palos Verdes Blvd	1,400	1,400					
	Redondo Beach	MR312.07	Pacific Coast Highway at Torrance Blvd intersection improvements (Northbound right turn lane)	586	586					
	Redondo Beach	MR312.08	Pacific Coast Highway at Palos Verdes Blvd intersection improvements (WB right turn lane)	320	320					
	Redondo Beach	MR312.13	Aviation Blvd at Artesia Blvd intersection improvements (Completed) (Eastbound right turn lane)	22	22					
	Redondo Beach	MR312.14	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Eastbound right turn lane) (Completed)	30	30					
	Redondo Beach	MR312.20	Aviation Blvd at Artesia Blvd intersection improvements (Northbound right turn lane)	847	847					
	Redondo Beach	MR312.42	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Southbound right turn lane)	5,175	5,175					
			TOTAL REDONDO BEACH	8,380	8,380	0	0	0	0	0
	Torrance	MR312.10	Pacific Coast Highway at Hawthorne Blvd intersection improvements	19,600	19,600					
	Torrance	MR312.18	Maple Ave at Sepulveda Blvd Intersection Improvements (Completed) (Southbound right turn lane)	320	320					
	Torrance	MR312.23	Torrance Transit Park and Ride Regional Terminal Project 465 Crenshaw Blvd	18,100	18,100					
	Torrance	MR312.26	I-405 at 182nd St. / Crenshaw Blvd Operational Improvements	15,300	5,300	5,000	5,000			
	Torrance	MR312.40	Pacific Coast Highway at Vista Montana/Anza Ave Intersection Improvements	2,900	2,900					
	Torrance	MR312.58	Pacific Coast Highway from Calle Mayor to Janet Lane Safety Improvements	852	852					
	Torrance	MR312.59	Pacific Coast Highway at Madison Ave Signal upgrades to provide left-turn phasing	500	500					
	Torrance	MR312.60	Crenshaw from Del Amo to Dominguez - 3 SB turn lanes at Del Amo Blvd, 208th St., Transit Center Entrance, Signal Improvements at 2 new signal at Transit Center	3,300	3,300					
			TOTAL TORRANCE	60,872	50,872	5,000	5,000	0	0	0
			TOTAL SOUTH BAY	233,024	140,588	25,008	36,078	23,946	6,415	0

Legend (C)hange (A)dd (D)elete

Change = project budget adjustment, reprogramming, scope adjustment

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ATTACHMENT A

Measure R Highway Operational Improvements Project List
 I-605/SR-91/I-405 Corridors "Hot Spots" (Gateway Cities)

(Programmed Dollars in Thousands)

Change (Add/Delete)	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
			INTERSTATE 605/STATE ROUTE 91/INTERSTATE 405 CORRIDOR "HOT SPOTS" (34 projects -- 1 new)	191,713	88,074	45,803	27,664	18,940	9,517	1,714
	GCCOG	MOU.306.03	GCCOG Engineering Support Services	300	300					
	GCCOG	MR315.29	Gateway Cities Third Party Support	100	100					
			TOTAL GCCOG	400	400					
	Metro	PS4720-3334	Program/Project Management Support of Measure R Funds	200	200					
	Metro	PS4720-3252	I-605 Arterial Hot Spots in the City of Whittier: PAED for Santa Fe Springs/Whittier, Painter/Whittier, & Colima Whittier Intersection Improvements	680	680					
	Metro	PS4720-3250	Arterial Hot Spots in the Cities of Long Beach, Bellflower, and Paramount: PAED for Lakewood/Alondra, Lakewood/Spring, and Bellflower Spring Intersection & PS&E for Lakewood/Alondra Intersection Improvements	573	573					
	Metro	PS4720-3251	Arterial Hot Spots in the Cities of Cerritos, La Mirada, and Santa Fe Springs: PAED for Valley View/Rosecrans, Valley View/Alondra, Carmenita/South, and Bloomfield/Artesia Intersection Improvements	561	561					
	Metro	AE25081	Arterial Hot Spots in the Cities of Cerritos: PS&E for Carmenita/South and Bloomfield/Artesia Intersection Improvements	100	100					
	Metro	AE25083	Arterial Hot Spots in the Cities of La Mirada and Santa Fe Springs: PS&E for Valley View/Rosecrans and Valley View/Alondra Intersection Improvements	100	100					
	Metro	PS4603-2582	Professional Services for I-605 Feasibility Study (Completed)	6,170	6,170					
	Metro	PS4603-2582	Professional Services for PSR/PDS: I-5/I-605 and I-605/SR-91 (Completed)	3,121	3,121					
	Metro	PS4720-3235	Professional Services for 605/60 PSR/PDS	3,040	3,040					
	Metro	AE2259	Professional Services for 605/60 PA/ED	34,000	3,000	7,000	8,000	8,000	8,000	
	Metro	PS47203004	Professional Services for the Gateway Cities Strategic Transportation Plan	10,430	9,339	1,091				
	Metro	AE333410011375	Professional Services for the I-605/I-5 PA/ED	20,698	3,000	5,000	5,000	7,698		
	Metro	AE476110012334	Professional Services for the I-605/SR-91 PA/ED	8,026	263	3,200	3,100	1,463		
	Metro	AE322940011372	Professional Services for 710/91 PSR/PDS	2,340	1,590	750				
	Metro	MR315.49	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development (Gateway Cities, SCE, LA County)	300	300					
C	Metro	MR315.50	Freeway Early Action Projects (PA/ED & PS&E)	14,500		14,500				
A	Metro	TBD	I-605 Beverly Interchange Improvements (PR & PS&E)	3,000		100	2,900			
A	Metro	TBD	I-605 from SR-91 to South Street Improvements Project (PR & PS&E)	5,500		100	5,400			
			TOTAL METRO	113,338	32,036	31,741	24,400	17,161	8,000	0

ATTACHMENT A

(Change Add Delete)	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Caltrans	MR315.28	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-60 PSR-PDS	260	260					
	Caltrans	MR315.47	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-60 PAVED	3,650	400	850	800	800	800	
	Caltrans	MR315.24	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/I-5 PAVED	2,070	300	500	500	770		
	Caltrans	MR315.08	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-91 PAVED	803	26	320	310	146		
	Caltrans	MR315.48	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605 Intersection Improvements	60	60					
	Caltrans	MR315.13	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-710/SR-91 PSR-PDS	234	159	75				
A	Caltrans	TBD	I-605 Beverly Interchange Improvements (Env. Doc.)	500		100	400			
A	Caltrans	TBD	I-605 from SR-91 to South Street Improvements Project (Env. Doc.)	500		100	400			
			TOTAL CALTRANS	8,076	1,205	1,945	2,410	1,716	800	0
	Bellflower	MR315.16	Bellflower Blvd- Artesia Blvd Intersection Improvement Project	7,310	6,210	1,100				
	Bellflower	MR315.33	Lakewood - Alondra Intersection Improvements: Construction	644	644					
			TOTAL BELLFLOWER	7,954	6,854	1,100	0	0	0	0
	Cerritos	MR315.38	Carmenita - South Intersection Improvements, Construction	292	292					
	Cerritos	MR315.39	Bloomfield - Artesia Intersection Improvements, ROW & Construction	1,756	1,756					
			TOTAL CERRITOS	2,048	2,048	0	0	0	0	0
	Downey	MR315.03	Lakewood - Telegraph Intersection Improvements	2,120	2,120					
	Downey	MR315.14	Lakewood - Imperial Intersection Improvements	2,760	2,760					
	Downey	MR315.27	Lakewood - Florence Intersection Improvements	1,310	1,310					
	Downey	MR315.18	Bellflower - Imperial Highway Intersection Improvements	2,740	2,740					
			TOTAL DOWNEY	8,930	8,930	0	0	0	0	0
	LA County	MR315.07	Painter - Mulberry Intersection Improvements	2,410	760	1,650				
	LA County	MR315.11	Valley View - Imperial Intersection Improvements	1,640	1,640					
	LA County	MR315.15	Norwalk-Whittier Intersection Improvements	2,830	1,050	1,780				
	LA County	MR315.23	Carmenita - Telegraph Intersection Improvements	1,400	800	600				
	LA County	MR315.22	Norwalk-Washington Intersection Improvements	550	550					
C	LA County	TBD	South Whittier Bikeway Access Improvements (Call Match) F9511	800			155	645		
			TOTAL LA COUNTY	9,630	4,800	4,030	155	0	645	0
	Lakewood	MR315.36	Lakewood Blvd Regional Capacity Enhancement	3,600	1,000	2,600				
	Lakewood	MR315.04	Lakewood - Del Amo Intersection Improvements	5,504	5,504					
			TOTAL LAKEWOOD	9,104	6,504	2,600	0	0	0	0

ATTACHMENT A

(Change Add Delete)	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Long Beach	TBD	2015 CFP - Artesia Complete Blvd (Call Match) F9130	900						900
	Long Beach	TBD	2015 CFP - Atherton Bridge & Campus Connection (Call Match) F9532	800						800
C	Long Beach	TBD	Park or Ride (Call Match) F9808	213		15	49	62	72	14
	Long Beach	MR315.60	Soundwall on I-605 near Spring Street, PAED and PSE	250	50	100	100			
	Long Beach	MR315.61	Lakewood - Spring Intersection Improvements, PSE and Construction	454	454					
	Long Beach	MR315.62	Bellflower - Spring Intersection Improvements, PSE and Construction	493	493					
			TOTAL LONG BEACH	3,110	997	115	149	62	72	1,714
	Norwalk	MR315.06	Studebaker - Rosecrans Intersection Improvements	1,670	1,670					
	Norwalk	MR315.10	Bloomfield - Imperial Intersection Improvements	920	920					
	Norwalk	MR315.17	Pioneer - Imperial Intersection Improvements	1,509	1,509					
	Norwalk	MR315.26	Studebaker - Alondra Intersection Improvements	480	480					
	Norwalk	MR315.43	Imperial Highway ITS Project, from San Gabriel River to Shoemaker Rd. (PAED, PS&E, CON)	3,380	3,380					
			TOTAL NORWALK	7,959	7,959	0	0	0	0	0
	Pico Rivera	MR315.05	Rosemead - Beverly Intersection Improvements	8,474	4,251	4,223				
	Pico Rivera	MR315.09	Rosemead - Whittier Intersection Improvements	1,388	1,388					
	Pico Rivera	MR315.21	Rosemead - Washington Intersection Improvements	40	40					
	Pico Rivera	MR315.19	Rosemead - Slautson Intersection Improvements	2,195	2,195					
			TOTAL PICO RIVERA	12,097	7,874	4,223	0	0	0	0
	Santa Fe Springs	MR315.40	Valley View - Rosecrans Intersection Improvements, Construction	524	524					
	Santa Fe Springs	MR315.41	Valley View - Alondra Intersection Improvements, ROW & Construction	2,967	2,967					
	Santa Fe Springs	MR315.42	Florence Avenue Widening Project, from Orr & Day to Pioneer Blvd (PAED, PSE, ROW)	600	0	50	550			
			TOTAL SANTA FE SPRINGS	4,091	3,491	50	550	0	0	0
	Whittier	MR315.44	Santa Fe Springs Whittier Intersection Improvements: PSE, ROW, Construction	1,568	1,568					
	Whittier	MR315.45	Painter Ave - Whittier Intersection Improvements: PSE, ROW, Construction	1,760	1,760					
	Whittier	MR315.46	Colima Ave - Whittier Intersection Improvements: PSE, ROW, Construction	1,646	1,646					
			TOTAL WHITTIER	4,974	4,974	0	0	0	0	0
			TOTAL I-605/SR-91/I-405 CORRIDORS "HOT SPOTS"	191,713	88,074	45,803	27,664	18,940	9,517	1,714

*Legend (C)change (A)dd (D)delete

Change = project budget adjustment, reprogramming, scope adjustment

Add = addition of new project to the subregional list

Delete = removal of project from subregional list

ATTACHMENT A

Measure R Highway Operational Improvements Project List
I-710 South and/or Early Action Project List (Gateway Cities)

(Programmed Dollars in Thousands)

(Change (A)Add (D)Delete	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
			INTERSTATE 710 SOUTH EARLY ACTION PROJECT (14 projects -- 2 new)	148,082	97,788	41,256	7,500	0	0	183
	GCCOG	MOU.306.03	GCCOG Engineering Support Services	1,700	1,600	100				
			TOTAL GCCOG	1,700	1,600	100				
	Metro	PS4720-3334	Program/Project Management Support of Measure R Funds	200	200					
	Metro	PS-4010-2540-02-17	I-710/I-5 Interchange Project Development	600	600					
	Metro	various	Professional Services contracts for I-710 Utility Studies (North, Central, South)	25,046	16,237	8,809				
	Metro	PS4340-1939	Professional Services contract for I-710 Corridor Project EIR/EIS	32,521	18,750	13,771				
	Metro	PS4710-2744	Professional Services contract for I-710 Soundwall Project Development	10,878	8,678	2,200				
	Metro	MOU.Calstart2 010	Professional Services contract for development of zero emission technology report	150	150					
C	Metro	TBD	I-710 ITS/Air Quality Early Action (Grant Match)	8,760		8,760				
A	Metro	TBD	FRATIS Modernization (Grant Match)	3,000			3,000			
	Metro	MR306.38	Sustainable Transportation Planning Grant (Grant Match)	64.78		64.78				
			TOTAL METRO	81,220	44,615	33,605	3,000			
C	POLA	MR306.40	I-710 Eco-FRATIS Drayage Truck Efficiency Project (Grant Match)	240		240				
			TOTAL POLA	240		240				
	Metro	USACE	Third Party Support Services for I-710 Corridor Project (US Army Corp of Eng)	100	100					
			TOTAL USACE	100	100					
	Metro	MR306.5B Edison	Third Party Support Services for I-710 Corridor Project (So Cal Edison)	1,623	1,223	400				
	Metro	MR306.39	I-710 Soundwall Project - SCE Utility Relocation Engineering Advance	75	0	75				
			TOTAL SCE	1,698	1,223	475				
	Caltrans	MR306.24	Reconfiguration of Firestone Blvd On-Ramp to I-710 S/B Freeway	1,450	1,450					
	Caltrans	MR306.27	Third Party Support for I-710 Corridor Project EIR/EIS Enhanced IQA	3,500	2,500	1,000				

ATTACHMENT A

(Change Add/ Delete)	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Caltrans	MR306.29	I-710 Early Action Project - Soundwall PA/ED Phase - Noise Study Only	100	100					
	LA County	MR306.16	TOTAL CALTRANS Staff Support for the Review of the Draft I-710 South EIR/EIS	5,050	4,050	1,000				
			TOTAL LA COUNTY	98	98					
C	Bell	MR306.37	Eastern at Bandini Rickenbacker Project (Call Match) F9200	178,602		178,602				
	Bell	MR306.07	Staff Support for the Review of the Draft I-710 South EIR/EIS	150	150					
			TOTAL BELL	329	150	179				
	Bell Gardens	MR306.08	Staff Support for the Review of the Draft I-710 South EIR/EIS	154	154					
C	Bell Gardens	MR306.35	Florence/Jaboneria Intersection Project (Call Match) F9111	283	0				100	183
	Bell Gardens	MR306.30	Florence Ave/Eastern Ave Intersection Widening (Call Match) F7120	348	0	348				
			TOTAL BELL GARDENS	785	154	348			100	183
	Commerce	MR306.23	Washington Blvd Widening and Reconstruction Project	13,500	10,500	3,000				
	Commerce	MR306.09	Staff Support for the Review of the Draft I-710 South EIR/EIS	75	75					
			TOTAL COMMERCE	13,575	10,575	3,000				
	Compton	MR306.10	Staff Support for the Review of the Draft I-710 South EIR/EIS	35	35					
			TOTAL COMPTON	35	35					
	Downey	MR306.18	Staff Support for the Review of the Draft I-710 South EIR/EIS	130	130					
C	Downey	MR306.20	Paramount Blvd/Firestone Intersection Improvements (Complete)	3,169	3,169					
A	Downey	TBD	Firestone Blvd Improvement Project (Old River Rd. to West City Limits)	223	223					
	Downey	MR306.31	Lakewood Blvd Improvement Project	5,000	5,000					
			TOTAL DOWNEY	8,522	8,522					
	Huntington Park	MR306.36	Staff Support for the Review of the Draft I-710 South EIR/EIS	15	15					
			TOTAL HUNTINGTON PARK	15	15					
	Long Beach	MR306.19	Shoemaker Bridge Replacement Project	5,500	4,000	1,500				
	Long Beach	MR306.11	Staff Support for the Review of the Draft I-710 South EIR/EIS	200	200					
	Long Beach	MR306.22	Atlantic Ave/Willow St Intersection Improvements	300	300					
			TOTAL LONG BEACH	6,000	4,500	1,500				
	Maywood	MR306.12	Staff Support for the Review of the Draft I-710 South EIR/EIS	65	65					
			TOTAL MAYWOOD	65	65					

ATTACHMENT A

(C)change (A)dd (D)delete	Lead Agency	Funding Agreement (FA) No.	PROJECT/LOCATION	Total Allocation	Prior Years	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
	Paramount	MR306.13	Staff Support for the Review of the Draft I-710 South EIR/EIS	130	130					
	Paramount	MR306.32	Garfield Ave Improvements	2,075	2,075					
			TOTAL PARAMOUNT	2,205	2,205					
	South Gate	MR306.14	Staff Support for the Review of the Draft I-710 South EIR/EIS	200	200					
	South Gate	MR306.17	Atlantic Ave/Firestone Blvd Intersection Improvements (Complete)	12,400	12,400					
	South Gate	MR306.33	Firestone Blvd Regional Corridor Capacity Enhancement Project	6,000	6,000					
A	South Gate	TBD	I-710 Soundwall Project - Package 1 Construction Phase	5,700		200	4,500	1,000		
			TOTAL SOUTH GATE	24,300	18,600	200	4,500	1,000		
	Vernon	MR306.15	Staff Support for the Review of the Draft I-710 South EIR/EIS	75	75					
	Vernon	MR306.25	Atlantic Blvd Bridge Widening and Rehabilitation	2,070	1,220	850				
			TOTAL VERNON	2,145	1,295	850				
			TOTAL I-710 SOUTH AND EARLY ACTION PROJECTS	148,082	97,788	41,256	7,500			183

Legend (C)hange (A)dd (D)delete

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