

ATTACHMENT A

Measure R Highway Operational Improvements Projects														
<i>(Dollars in Thousands)</i>														
HIGHWAY OPS IMP GRAND TOTAL				984,421	30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261		
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21	
Arroyo Verdugo Operational Improvements				67,050.6	455.7	67,506.3	36,586.4	1,350.8	13,805.2	6,850.0	1,550.0	7,364.0		
Burbank	MR310.06	San Fernando Blvd. / Burbank Blvd. Intersection	Chg	2,325.0	0.0	2,325.0	590.0		1,735.0					
Burbank	MR310.07	Widen Magnolia Blvd / I-5 Bridge for center-turn lane		3,967.0	0.0	3,967.0			250.0				3,717.0	
Burbank	MR310.08	I-5 Corridor Arterial Signal Improvements		2,600.0	0.0	2,600.0	2,600.0							
Burbank	MR310.09	SR-134 Corridor Arterial Signal Improvements		2,975.0	0.0	2,975.0	2,975.0							
Burbank	MR310.10	Widen Olive Ave / I-5 Bridge for center-turn lane		3,897.0	0.0	3,897.0			250.0				3,647.0	
Burbank	MR310.11	Olive Ave. / Verdugo Ave. Intersection Improvement		1,600.0	0.0	1,600.0	1,600.0							
Burbank	MR310.23	Chandler Bikeway Extension (call match) F7506		659.8	0.0	659.8		185.8	474.0					
Burbank	MR310.31	SR-134 Corridor Arterial Signal Improvements - Phase 2		1,300.0	0.0	1,300.0			1,300.0					
Burbank	MR310.33	Media District Traffic Signal Improvments		1,400.0	0.0	1,400.0			1,400.0					
Burbank	MR310.38	I-5 Corridor Arterial Signal Improvements - Phase 2		800.0	0.0	800.0			800.0					
Burbank	MR310.46	Glenoaks Blvd Arterial and First St Signal Improvements		1,900.0	0.0	1,900.0			500.0	1,400.0				
		TOTAL BURBANK		23,423.8	0.0	23,423.8	7,765.0	185.8	6,709.0	1,400.0	0.0	7,364.0		
Glendale	MR310.01	Fairmont Ave. Grade Separation at San Fernando Rd. (Construction) (Completed)		1,658.7	0.0	1,658.7	1,658.7							
Glendale	MR310.02	Fairmont Ave. Grade Sep. at San Fernando -- Design (FA canceled and funds previously moved to MR310.01)		0.0	0.0	0.0								
Glendale	MR310.04	San Fernando/Grandview At-Grade Rail Crossing Imp. (Completed)		1,850.0	0.0	1,850.0	1,850.0							
Glendale	MR310.05	Central Ave Improvements / Broadway to SR-134 EB Offramp (Completed)		3,250.0	0.0	3,250.0	3,250.0							
Glendale	MR310.13	Glendale Narrows Bikeway Culvert		876.5	0.0	876.5	876.5							
Glendale	MR310.14	Verdugo Road Signal Upgrades (Completed)		557.0	0.0	557.0	557.0							
Glendale	MR310.16	SR-134 / Glendale Ave. Interchange Modification		1,585.5	0.0	1,585.5	1,585.5							
Glendale	MR310.17	Ocean Blvd. Project -- from Verdugo Rd. to N'ly City Boundaries		1,000.0	0.0	1,000.0	1,000.0							
Glendale	MR310.18	Sonora Avenue At-Grade Rail Crossing Safety Upgrade (Completed)		2,700.0	0.0	2,700.0	2,700.0							
Glendale	MR310.19	Traffic Signal Sync Brand / Colorado-San Fernando / Glendale-Verdugo (Completed)	Chg	1,250.0	(909.1)	340.9	340.9							
Glendale	MR310.20	Verdugo Rd / Honolulu Ave / Verdugo Blvd Intersection Modification (Completed)	Chg	400.0	(2.7)	397.3	397.3							
Glendale	MR310.21	Colorado St. Widening between Brand Blvd. and East of Brand Blvd. (Completed)		350.0	0.0	350.0	350.0							
Glendale	MR310.22	Glendale Narrows Riverwalk Bridge		600.0	0.0	600.0	600.0							

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Glendale	MR310.24	Construction of Bicycle Facilities	Chg	300.0	(55.7)	244.3	244.3						
Glendale	MR310.25	210 Soundwalls Project	Chg	4,520.0	0.0	4,520.0			1,520.0	3,000.0			
Glendale	MR310.26	Bicycle Facilities, Phase 2 (Class III Bike Routes)		165.0	0.0	165.0		165.0					
Glendale	MR310.28	Pennsylvania Ave Signal at I-210 On/Off-Ramps		400.0	0.0	400.0		400.0					
Glendale	MR310.32	Regional Arterial Performance Measures		100.0	0.0	100.0			100.0				
Glendale	MR310.34	Regional Bike Stations (Call Match) F7709		332.1	0.0	332.1			332.1				
Glendale	MR310.36	Signalizations of SR-2 Fwy Ramps @ Holly	Chg	600.0	0.0	600.0				100.0	500.0		
Glendale	MR310.35	Signal Installations at Various Locations		1,500.0	0.0	1,500.0	1,500.0						
Glendale	MR310.37	Verdugo Boulevard Traffic Signal Modification at Vahili Way and SR-2	Chg	600.0	0.0	600.0			50.0	550.0			
Glendale	MR310.39	Widening of SR-2 Fwy Ramps @ Mountain	Chg	1,200.0	0.0	1,200.0	0.0			150.0	1,050.0		
Glendale	MR310.40	Pacific Ave: Colorado to Glenoaks & Burchett St: Pacific To Central Street Improvements		3,315.0	0.0	3,315.0	3,315.0						
Glendale	MR310.41	Doran St. (From Brand Bold. To Adams St.)		1,200.0	0.0	1,200.0	1,200.0						
Glendale	MR310.42	Arden Ave. (From Highland Ave. to Kenilworth St.) (Completed)	Chg	900.0	(276.8)	623.2	623.2						
Glendale	MR310.43	Verdugo Rd. Street Improvements Project (Traffic Signal Modification)		585.0	0.0	585.0	585.0						
Glendale	MR310.47	Traffic Signals on Glenwood Rd. and Modificaitons on La Crescenta and Central Ave.		1,200.0	0.0	1,200.0			1,200.0				
Glendale	MR310.48	San Frenando Rd and Los Angeles Street Traffic Signal Installation & Intersection Modification		400.0	0.0	400.0			400.0				
Glendale	TBD	Traffic Signal Modifications & Upgrades on Honolulu Ave	Add		1,800.0	1,800.0			150.0	1,650.0			
TOTAL GLENDALE				33,394.8	555.7	33,950.5	22,633.4	565.0	3,752.1	5,450.0	1,550.0	0.0	
La Canada Flintridge	MR310.03	Soundwalls on Interstate I-210 (Completed)		4,588.0	0.0	4,588.0	4,588.0						
La Canada Flintridge	MR310.45	Soundwalls on Interstate I-210 in La Canada-Flintridge (phase 2)		1,800.0	0.0	1,800.0	600.0	600.0	600.0				
TOTAL LA CANADA FLINTRIDGE				6,388.0	0.0	6,388.0	5,188.0	600.0	600.0	0.0	0.0	0.0	
LA County	MR310.44	Soudwalls on Interstate I-210 in LA Crescenta-Montrose		3,044.0	0.0	3,044.0	1,000.0		2,044.0				
TOTAL LA COUNTY				3,044.0	0.0	3,044.0	1,000.0	0.0	2,044.0	0.0	0.0	0.0	
Metro	MR310.29	NBSSR Soundwalls on I-210 Glendale/La Crescenta-Montrose	Chg/Deob	800.0	(100.0)	700.0	0.0		700.0				
TOTAL METRO				800.0	(100.0)	700.0	0.0	0.0	700.0	0.0	0.0	0.0	
TOTAL ARROYO VERDUGO OPS IMPS				67,050.6	455.7	67,506.3	36,586.4	1,350.8	13,805.2	6,850.0	1,550.0	7,364.0	

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Las Virgenes/Malibu Operational Improvements				144,551.0	10,100.0	154,651.0	104,901.0	24,250.0	13,500.0	12,000.0	0.0	0.0	
Westlake Village	MR311.01	Lindero Canyon Road Interchange, Phase 3A Design		343.7	100.0	443.7	343.7		100.0				
Westlake Village	MR311.02	Highway 101 Park and Ride Lot (Design)		243.7	0.0	243.7	243.7						
Westlake Village	MR311.10	Rte 101/ Lindero Cyn. Rd. Interchange Improvements, Phase 3B,4B Construction (completed)		3,251.0	0.0	3,251.0	3,251.0						
Westlake Village	MR311.18	Rte 101/ Lindero Cyn. Rd. Interchange Improvements, Phase 3A Construction		9,419.0	0.0	9,419.0	8,969.0	450.0					
Westlake Village	MR311.19	Highway 101 Park and Ride Lot (Construction)		4,943.6	0.0	4,943.6	4,943.6						
TOTAL WESTLAKE VILLAGE				18,201.0	100.0	18,301.0	17,751.0	450.0	100.0	0.0	0.0	0.0	
Agoura Hills	MR311.03	Palo Comando Interchange	Chg	4,000.0	7,000.0	11,000.0	4,000.0		2,000.0	5,000.0			
Agoura Hills	MR311.04	Agoura Road/Kanan Road Intersection Improvements		1,000.0	0.0	1,000.0	1,000.0						
Agoura Hills	MR311.05	Agoura Road Widening (completed)		36,850.0	0.0	36,850.0	32,000.0	4,850.0					
Agoura Hills	MR311.14	Kanan Road Overpass Expansion -- PSR, PR, PS&E		150.0	0.0	150.0	150.0						
Agoura Hills	MR311.15	Agoura Hills Multi-Modal Center		100.0	0.0	100.0	0.0	100.0					
TOTAL AGOURA HILLS				42,100.0	7,000.0	49,100.0	37,150.0	4,950.0	2,000.0	5,000.0	0.0	0.0	
Calabasas	MR311.06	Lost Hills Overpass and Interchange		33,000.0	0.0	33,000.0	26,000.0	7,000.0					
Calabasas	MR311.07	Mulholland Highway Scenic Corridor Completion (completed)		4,389.8	0.0	4,389.8	4,389.8						
Calabasas	MR311.08	Las Virgenes Scenic Corridor Widening		5,746.2	0.0	5,746.2	5,746.2						
Calabasas	MR311.09	Parkway Calabasas/US 101 SB Offramp		214.0	0.0	214.0	214.0						
Calabasas	MR311.20	Off-Ramp for US 101 at Las Virgenes Road		500.0	0.0	500.0	500.0						
Calabasas	MR311.33	Park and Ride Lot on or about 23577 Calabasas Road (near Route 101) (completed)		3,700.0	0.0	3,700.0	3,700.0						
TOTAL CALABASAS				47,550.0	0.0	47,550.0	40,550.0	7,000.0	0.0	0.0	0.0	0.0	

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Malibu	MR311.24	Malibu/Civic Center Way Widening	Chg	3,000.0	1,000.0	4,000.0	2,250.0	750.0	1,000.0				
Malibu	MR311.26	PCH-Raised Median and Channelization from Webb Way to Corral Canyon Road		6,950.0	0.0	6,950.0	3,050.0	900.0	3,000.0				
Malibu	MR311.27	PCH Intersections Improvements		1,000.0	0.0	1,000.0	0.0	1,000.0					
Malibu	MR311.28	Kanan Dume Road Arrestor Bed Improvements and Intersection with PCH (Construction) (completed)		900.0	0.0	900.0	900.0						
Malibu	MR311.29	PCH Regional Traffic Message System (CMS)		2,500.0	0.0	2,500.0	500.0	500.0	1,000.0	500.0			
Malibu	MR311.30	PCH Roadway and Bike Route Improvements fr. Busch Dr. to Western City Limits		500.0	0.0	500.0	500.0						
Malibu	MR311.32	PCH and Big Rock Dr. Intersection and at La Costa Area Pedestrian Improvements		950.0	0.0	950.0	950.0						
Malibu	MR311.35	Pacific Coast Highway Shoulder Improvements (Various Locations)		3,500.0	0.0	3,500.0	500.0	1,500.0	1,500.0				
Malibu	MR311.11	PCH Signal System Improvements from John Tyler Drive to Topanga Canyon Blvd		13,700.0	0.0	13,700.0	300.0	4,000.0	4,900.0	4,500.0			
		TOTAL MALIBU		33,000.0	1,000.0	34,000.0	8,950.0	8,650.0	11,400.0	5,000.0	0.0	0.0	0.0
Hidden Hills	MR311.34	Long Valley Road/Valley Circle/US-101 On-Ramp Improvements	Chg	3,700.0	2,000.0	5,700.0	500.0	3,200.0		2,000.0			
		TOTAL HIDDEN HILLS		3,700.0	2,000.0	5,700.0	500.0	3,200.0	0.0	2,000.0	0.0	0.0	0.0
		TOTAL LAS VIRGENES/MALIBU OPS IMPS		144,551.0	10,100.0	154,651.0	104,901.0	24,250.0	13,500.0	12,000.0	0.0	0.0	0.0

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HIGHWAY OPS IMP GRAND TOTAL					984,421	30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
South Bay I-405, I-110, I-105, & SR-91 Ramp / Interchange Imps					233,023.9	3.0	233,027.0	138,351.0	25,937.6	36,561.7	24,959.7	7,217.0	0.0
SBCCOG	MR312.01	South Bay Cities COG Program Development & Oversight and Program Administration (Project Development Budget Included)		13,375.0	0.0	13,375.0	9,764.0	1,900.0	500.0	594.0	617.0		
		TOTAL SBCCOG		13,375.0	0.0	13,375.0	9,764.0	1,900.0	500.0	594.0	617.0	0.0	
Caltrans	MR312.11	ITS: I-405, I-110, I-105, SR-91 at Freeway Ramp/Arterial Signalized Intersections		5,357.0	0.0	5,357.0	5,000.0	357.0					
Metro/Caltrans	MR312.24	I-110 Aux lane from SR-91 to Torrance Blvd Aux lane & I-405/I-110 Connector	Chg	20,000.0	(4,900.0)	15,100.0	3,450.0	5,900.0	5,750.0	0.0	0.0		
Metro/Caltrans	MR312.25	I-405 at 182nd St. / Crenshaw Blvd Improvements	Chg	20,000.0	4,400.0	24,400.0	2,000.0	2,000.0	5,900.0	7,900.0	6,600.0		
Caltrans	MR312.29	ITS: Pacific Coast Highway and Parallel Arterials From I-105 to I-110		9,000.0	0.0	9,000.0	9,000.0						
Caltrans	MR312.45	PAED Integrated Corridor Management System (ICMS) on I-110 from Artesia Blvd and I-405		1,000.0	0.0	1,000.0	0.0			1,000.0			
		TOTAL CALTRANS		55,357.0	(500.0)	54,857.0	19,450.0	8,257.0	11,650.0	8,900.0	6,600.0	0.0	
Carson	MR312.37	Sepulveda Blvd widening from Alameda Street to ICTF Driveway	Chg	1,158.0	(1,158.0)	0.0							
Carson	MR312.46	Upgrade Traffic Control Signals at the Intersection of Figueroa St and 234th St. and Figueroa and 228th st.		150.0	0.0	150.0	0.0	65.0	85.0				
Carson	MR312.41	Traffic Signal Upgrades at 10 Intersections		1,400.0	0.0	1,400.0	0.0	500.0	900.0				
		TOTAL CARSON		2,708.0	(1,158.0)	1,550.0	0.0	565.0	985.0	0.0	0.0	0.0	
El Segundo	MR312.22	Maple Ave Improvements from Sepulveda Blvd to Parkview Ave. (Completed)		2,500.0	0.0	2,500.0	2,500.0						
El Segundo	MR312.27	PCH Improvements from Imperial Highway to El Segundo Boulevard		400.0	0.0	400.0	400.0						
El Segundo	MR312.57	Park Place Roadway Extension and Railroad Grade Separation Project		350.0	0.0	350.0	350.0						
		TOTAL EL SEGUNDO		3,250.0	0.0	3,250.0	3,250.0	0.0	0.0	0.0	0.0	0.0	
Gardena	MR312.17	Rosecrans Ave Improvements from Vermont Ave to Crenshaw Blvd (Completed)		4,967.0	0.0	4,967.0	4,967.0						
Gardena	MR312.19	Artesia Blvd at Western Ave Intersection Improvements (Westbound left turn lanes) (Completed)		393.0	0.0	393.0	393.0						
Gardena	MR312.21	Vermont Ave Improvements from Rosecrans Ave to 182nd Street (Completed)		2,090.3	0.0	2,090.3	2,090.3						
Gardena	MR312.02	Traffic Signal Reconstruction on Vermont at Redondo Beach Blvd and at Rosecrans Ave.		1,500.0	0.0	1,500.0		40.0	1,460.0				
Gardena	MR312.09	Artesia Blvd Arterial Improvements from Western Ave to Vermont Ave		2,523.0	0.0	2,523.0		80.0	180.0	2,263.0			
		TOTAL GARDENA		11,473.3	0.0	11,473.3	7,450.3	120.0	1,640.0	2,263.0	0.0	0.0	
Hawthorne	MR312.03	Rosecrans Ave Widening from I-405 SB off ramp to Isis Ave (Completed)		2,100.0	0.0	2,100.0	2,100.0						
Hawthorne	MR312.33	Aviation Blvd at Marine Ave Intersection Improvements (Westbound right turn lane)		3,600.0	0.0	3,600.0	3,600.0						
Hawthorne	MR312.44	Hawthorne Blvd Improvements from El Segundo Blvd to Rosecrans Ave (Completed)		7,551.0	0.0	7,551.0	7,551.0						
Hawthorne	MR312.47	Signal Improvements on Prairie Ave from 118th St. to Marine Ave.		1,237.0	0.0	1,237.0	0.0	200.0	418.0	619.0			
Hawthorne	MR312.54	Intersection widening & Traffic Signal modifications on Inglewood Ave at El Segundo Blvd; on Crenshaw Blvd At Pocket Road; on Crenshaw at Oak North; and on 120th St.		2,000.0	0.0	2,000.0	0.0	1,000.0	1,000.0				
Hawthorne	MR312.61	Hawthorne Blvd Arterial Improvements, from 126th St to 111th St.		4,400.0	0.0	4,400.0	0.0	600.0	1,000.0	2,800.0			
		TOTAL HAWTHORNE		20,888.0	0.0	20,888.0	13,251.0	1,800.0	2,418.0	3,419.0	0.0	0.0	

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project	Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Hermosa Beach	MR312.05	PCH (SR-1/PCH) Improvements between Anita St. and Artesia Boulevard	Chg	304.0		194.0	498.0		304.0		194.0			
Hermosa Beach	MR312.38	Pacific Coast Highway at Aviation Blvd Intersection Improvements (Southbound left turn lanes)		872.0		0.0	872.0		872.0					
Hermosa Beach	MR312.63	PA/ED on PCH from Aviation Blvd to Prospect Ave		1,800.0		0.0	1,800.0		0.0	400.0	1,400.0			
TOTAL HERMOSA BEACH				2,976.0		194.0	3,170.0		1,176.0	400.0	1,594.0	0.0	0.0	0.0
Inglewood	MR312.12	Intelligent Transportation System (ITS): City of Inglewood Citywide ITS Master Plan		3,500.0		0.0	3,500.0		3,500.0					
Inglewood	MR312.50	ITS: Phase V - Communication Gap Closure on Various Locations, ITS Upgrade and Arterial Detection		384.0		0.0	384.0				192.0	192.0		
Inglewood	TBD	Prairie Ave Signal Synchronization Project	Add			205.0	205.0				205.0			
TOTAL INGLEWOOD				3,884.0		205.0	4,089.0		3,500.0	0.0	397.0	192.0	0.0	0.0
LA City	MR312.56	Del Amo Blvd Improvements from Western Ave to Vermont Ave Project Oversight		100.0		0.0	100.0		100.0					
LA City	MR312.51	Improve Anaheim St. from Farragut Ave. to Dominguez Channel (Call Match) F7207		1,313.0		0.0	1,313.0			262.6	1,050.4			
LA City	MR312.32	Alameda St. (South) Widening frm. Anaheim St. to Harry Bridges Blvd		2,875.0		0.0	2,875.0				2,875.0			
TOTAL LA CITY				4,288.0		0.0	4,288.0		100.0	262.6	3,925.4	0.0	0.0	0.0
LA County	MR312.16	Del Amo Blvd improvements from Western Ave to Vermont Ave	Chg	23,498.0		(8,434.3)	15,063.7		6,900.0	5,000.0	3,000.0	163.7	0.0	
LA County	MR312.52	ITS: Improvements on South Bay Arterials		1,021.0		0.0	1,021.0		0.0		401.0	620.0		
LA County	TBD	South Bay Arterial System Detection Project	Chg			2,000.0	2,000.0		0.0		1,000.0	1,000.0		
TOTAL LA COUNTY				24,519.0		(6,434.3)	18,084.7		6,900.0	5,000.0	4,401.0	1,783.7	0.0	0.0
Lawndale	MR312.15	Inglewood Ave Widening from 156th Street to I-405 Southbound on-ramp	Chg	500.0		(457.0)	43.0		43.0					
Lawndale	MR312.36	ITS: City of Lawndale Citywide Improvements (completed)	Chg	1,500.0		(621.7)	878.3		878.3					
Lawndale	MR312.49	Redondo Beach Blvd Mobility Improvements from Prairie to Artesia (Call Match) F9101		1,039.3		0.0	1,039.3			273.0	766.3			
Lawndale	MR312.31	Manhattan Bch Blvd at Hawthorne Blvd Left Turn Signal Improvements		508.0		0.0	508.0				300.0	208.0		
TOTAL LAWDALE				3,547.3		(1,078.7)	2,468.6		921.3	273.0	1,066.3	208.0	0.0	0.0
Lomita	MR312.43	Intersection Improvements at Western/Palos Verdes Dr and PCH/Walnut	Chg	900.0		606.0	1,506.0		900.0		606.0			
TOTAL LOMITA				900.0		606.0	1,506.0		900.0	0.0	606.0	0.0	0.0	0.0

ATTACHMENT A

Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421	30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Manhattan Beach	MR312.04	Sepulveda Blvd at Marine Ave Intersection Improvements (West Bound left turn lanes) (Completed)		346.5	0.0		346.5	346.5					
Manhattan Beach	MR312.28	Seismic retrofit of widened Bridge 53-62 from Sepulveda Blvd from 33rd Street to south of Rosecrans Ave		9,100.0	0.0		9,100.0	9,100.0					
Manhattan Beach	MR312.34	Aviation Blvd at Artesia Blvd Intersection Improvements (Southbound right turn lane)		1,500.0	0.0		1,500.0	1,500.0					
Manhattan Beach	MR312.35	Sepulveda Blvd at Manhattan Beach Blvd intersection Improvements (NB, WB, EB left turn lanes and SB right turn lane)		980.0	0.0		980.0	980.0					
Manhattan Beach	MR312.62	Sepulveda Blvd Operational Improvements at Rosecrans Ave, 33rd St, Cedar Ave, 14th St and 2nd St.		900.0	0.0		900.0	0.0	50.0	850.0			
		TOTAL MANHATTAN BEACH		12,826.5	0.0		12,826.5	11,926.5	50.0	850.0	0.0	0.0	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	Chg	400.0	200.0		600.0			600.0			
Metro/Caltrans	MR312.55	Feasibility Study for I-405 from I-110 to I-105 and I-105 from I-405 to I-110	Chg	300.0	300.0		600.0			600.0			
Metro/Caltrans	MR312.48	Western Ave. (SR-213) from Palos Verdes Drive North to Gardena -- PSR		170.0	0.0		170.0		70.0	100.0			
Metro/Caltrans	MR312.32	SR-1 from Eastern Boundary of Carson to Eastern Boundary of Torrance -- PSR		170.0	0.0		170.0		70.0	100.0			
Metro	30000020331/P S4040-2540-	South Bay Arterial Baseline Conditions Analysis (Completed)		250.0	0.0		250.0	250.0					
Metro	MR312.31	Inglewood Transit Center at Florence/La Brea		1,500.0	0.0		1,500.0	260.0	1,240.0				
		TOTAL METRO		2,790.0	500.0		3,290.0	510.0	1,380.0	1,400.0	0.0	0.0	0.0
Rancho Palos Verdes	MR312.39	Western Ave. (SR-213) from Palos Verdes Drive North to 25th street -- PSR		90.0	0.0		90.0		30.0	60.0			
		TOTAL RANCHO PALOS VERDES		90.0	0.0		90.0	0.0	30.0	60.0	0.0	0.0	0.0
POLA	MR312.32	SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd		900.0	0.0		900.0		900.0				
		PORT OF LOS ANGELES		900.0	0.0		900.0	0.0	900.0	0.0	0.0	0.0	0.0
Redondo Beach	MR312.06	Pacific Coast Highway improvements from Anita Street to Palos Verdes Blvd		1,400.0	0.0		1,400.0	1,400.0					
Redondo Beach	MR312.07	Pacific Coast Highway at Torrance Blvd intersection improvements (Northbound right turn lane)		586.0	0.0		586.0	586.0					
Redondo Beach	MR312.08	Pacific Coast Highway at Palos Verdes Blvd intersection improvements (WB right turn lane)	Chg	320.0	69.0		389.0	320.0		69.0			
Redondo Beach	MR312.13	Aviation Blvd at Artesia Blvd intersection improvements (Completed) (Eastbound right turn lane)		22.0	0.0		22.0	22.0					
Redondo Beach	MR312.14	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Eastbound right turn lane) (Completed)		30.0	0.0		30.0	30.0					
Redondo Beach	MR312.20	Aviation Blvd at Artesia Blvd intersection improvements (Northbound right turn lane)		847.0	0.0		847.0	847.0					
Redondo Beach	MR312.42	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Southbound right turn lane)		5,175.0	0.0		5,175.0	5,175.0					
		TOTAL REDONDO BEACH		8,380.0	69.0		8,449.0	8,380.0	0.0	69.0	0.0	0.0	0.0

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Measure R Highway Operational Improvements Projects																					
<i>(Dollars in Thousands)</i>																					
HIGHWAY OPS IMP GRAND TOTAL				984,421		30,261		1,014,661		537,534		172,669		119,783		97,349		63,484		9,261	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project	Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21							
Torrance	MR312.10	Pacific Coast Highway at Hawthorne Blvd intersection improvements		19,600.0	0.0		19,600.0		19,600.0												
Torrance	MR312.18	Maple Ave at Sepulveda Blvd Intersection Improvements (Completed) (Southbound right turn lane)		319.9	0.0		319.9		319.9												
Torrance	MR312.23	Torrance Transit Park and Ride Regional Terminal Project 465 Crenshaw Blvd	Chg	18,100.0	7,600.0		25,700.0		18,100.0			7,600.0									
Torrance	MR312.26	I-405 at 182nd St. / Crenshaw Blvd Operational Improvements		15,300.0	0.0		15,300.0		5,300.0	5,000.0	5,000.0										
Torrance	MR312.40	Pacific Coast Highway at Vista Montana/Anza Ave Intersection Improvements		2,900.0	0.0		2,900.0		2,900.0												
Torrance	MR312.58	Pacific Coast Highway from Calle Mayor to Janet Lane Safety Improvements		852.0	0.0		852.0		852.0												
Torrance	MR312.59	Pacific Coast Highway at Madison Ave Signal upgrades to provide left-turn phasing		500.0	0.0		500.0		500.0												
Torrance	MR312.60	Crenshaw from Del Amo to Dominguez - S SB turn lanes at Del Amo Blvd, 208th St., Transit Center Entrance, Signal Improvements at 2 new signal at Transit Center		3,300.0	0.0		3,300.0		3,300.0												
		TOTAL TORRANCE		60,871.9	7,600.0		68,471.9		50,871.9	5,000.0	5,000.0	7,600.0	0.0	0.0							
		TOTAL SOUTH BAY		233,023.9	3.0		233,027.0		138,351.0	25,937.6	36,561.7	24,959.7	7,217.0	0.0							

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Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421		30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Gateway Cities: I-605/SR-91/I-405 Corridors "Hot Spots"				191,712.6	3,420.0		195,132.6	87,774.3	45,723.4	30,364.3	20,039.6	9,516.8	1,714.1
GCCOG	MOU.306.03	GCCOG Engineering Support Services		300.0	0.0		300.0	300.0					
GCCOG	MR315.29	Gateway Cities Third Party Support		100.0	0.0		100.0	100.0					
TOTAL GCCOG				400.0	0.0		400.0	400.0	0.0	0.0	0.0	0.0	0.0
Metro	PS4720-3334	Program/Project Management Support of Measure R Funds		200.0	0.0		200.0	200.0					
Metro	PS4720-3252	I-605 Arterial Hot Spots in the City of Whittier: PAED for Santa Fe Springs/ Whittier, Painter/Whittier, & Colima Whittier		680.0	0.0		680.0	680.0					
Metro	PS4720-3250	Arterial Hot Spots in the Cities of Long Beach, Bellflower, and Paramount: PAED for Lakewood/Alondra, Lakewood/Spring, and Alondra		572.7	0.0		572.7	572.7					
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, and Cerritos/Alondra		560.7	0.0		560.7	560.7					
Metro	AE25081	Arterial Hot Spots in the Cities of Cerritos, Rosemead, and Artesia: Carmenita/South and Bloomfield/Artesia Intersection		100.0	0.0		100.0	100.0					
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		100.0	0.0		100.0	100.0					
Metro	PS4603-2582	Professional Services for I-605 Feasibility Study (Completed)		6,170.0	0.0		6,170.0	6,170.0					
Metro	PS4603-2582	Professional Services for PSR/PDS: I-5/I-605 and I-605/SR-91 (Completed)		3,121.0	0.0		3,121.0	3,121.0					
Metro	PS4720-3235	Professional Services for 605/60 PSR/PDS		3,040.0	0.0		3,040.0	3,040.0					
Metro	AE5204200/ AE2259	Professional Services for 605/60 PA/ED		34,000.0	0.0		34,000.0	3,000.0	7,000.0	8,000.0	8,000.0	8,000.0	
Metro	PS47203004	Professional Services for the Gateway Cities Strategic Transportation Plan		10,429.5	0.0		10,429.5	9,339.0	1,090.5				
Metro	AE3334100113 75	Professional Services for the I-605/I-5 PA/ED		20,698.0	0.0		20,698.0	3,000.0	5,000.0	5,000.0	7,698.0		
Metro	AE4761100123 34	Professional Services for the I-605/SR-91 PA/ED		8,026.0	0.0		8,026.0	263.0	3,200.0	3,100.0	1,463.0		
Metro	AE3229400113 72	Professional Services for 710/91 PSR/PDS		2,340.0	0.0		2,340.0	1,590.0	750.0				
Metro	MR315.49	Third Party Support for the I-605 Corridor Hot Spots Interchanges Program Development (Gateway Cities, SCE, LA County)		300.0	0.0		300.0	300.0					
Metro	MR315.50	Freeway Early Action Projects (PA/ED & PS&E)		14,500.0	0.0		14,500.0		14,500.0				
Metro	AE39064000	I-605 Beverly Interchange Improvements (PR & PS&E)		3,000.0	0.0		3,000.0		100.0	2,900.0			
Metro	AE38849000	I-605 from SR-91 to South Street Improvements Project (PR & PS&E)		5,500.0	0.0		5,500.0		100.0	5,400.0			
Metro	TBD	SR-91 Atlantic Ave to Cherry Ave EB Aux Lane	add	0.0	500.0		500.0			250.0	250.0		
Metro	TBD	SR-91 Central Ave Intch Improvements	add	0.0	500.0		500.0			250.0	250.0		
Metro	TBD	I-605/ Peck Road Interchange Improvements	add	0.0	500.0		500.0			250.0	250.0		
Metro	TBD	I-605 Vally Blvd Interchange Improvements	add	0.0	500.0		500.0			250.0	250.0		
TOTAL METRO				113,337.9	2,000.0		115,337.9	32,036.4	31,740.5	25,400.0	18,161.0	8,000.0	0.0

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Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421		30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Caltrans	MR315.28	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-60 PSR-PDS		260.0		0.0	260.0	260.0					
Caltrans	MR315.47	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-60 PA/ED		3,650.0		0.0	3,650.0	400.0	850.0	800.0	800.0	800.0	
Caltrans	MR315.24	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/I-5 PA/ED		2,069.8		0.0	2,069.8	300.0	500.0	500.0	769.8		
Caltrans	MR315.08	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-91 PA/ED		802.6		0.0	802.6	26.3	320.0	310.0	146.3		
Caltrans	MR315.48	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605 Intersection Improvements		60.0		0.0	60.0	60.0					
Caltrans	MR315.13	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-710/SR-91 PSR-PDS		234.0		0.0	234.0	159.0	75.0				
Caltrans	MR315.30	I-605 Beverly Interchange Improvements (Env. Doc.)		500.0		0.0	500.0		100.0	400.0			
Caltrans	MR315.31	I-605 from SR-91 to South Street Improvements Project (Env. Doc.)		500.0		0.0	500.0		100.0	400.0			
		TOTAL CALTRANS		8,076.4		0.0	8,076.4	1,205.3	1,945.0	2,410.0	1,716.1	800.0	0.0
Bellflower	MR315.16	Bellflower Blvd- Artesia Blvd Intersection Improvement Project		7,310.0		0.0	7,310.0	6,210.0	1,100.0				
Bellflower	MR315.33	Lakewood - Alondra Intersection Improvements: Construction		644.0		0.0	644.0	644.0					
		TOTAL BELLFLOWER		7,954.0		0.0	7,954.0	6,854.0	1,100.0	0.0	0.0	0.0	0.0
Cerritos	MR315.38	Carmenita - South Intersection Improvements, Construction		292.0		0.0	292.0	292.0					
Cerritos	MR315.39	Bloomfield - Artesia Intersection Improvements, ROW & Construction		1,756.0		0.0	1,756.0	1,756.0					
		TOTAL CERRITOS		2,048.0		0.0	2,048.0	2,048.0	0.0	0.0	0.0	0.0	0.0
Downey	MR315.03	Lakewood - Telegraph Intersection Improvements		2,120.0		0.0	2,120.0	2,120.0					
Downey	MR315.14	Lakewood - Imperial Intersection Improvements	Chg	2,760.0		1,300.0	4,060.0	2,760.0		1,300.0			
Downey	MR315.27	Lakewood - Florence Intersection Improvements		1,310.0		20.0	1,330.0	1,310.0	20.0				
Downey	MR315.18	Bellflower - Imperial Highway Intersection Improvements		2,740.4		0.0	2,740.4	2,740.4					
		TOTAL DOWNEY		8,930.4		1,320.0	10,250.4	8,930.4	20.0	1,300.0	0.0	0.0	0.0
LA County	MR315.07	Painter - Mulberry Intersection Improvements		2,410.0		0.0	2,410.0	760.0	1,650.0				
LA County	MR315.11	Valley View - Imperial Intersection Improvements		1,640.0		0.0	1,640.0	1,640.0					
LA County	MR315.15	Norwalk-Whittier Intersection Improvements		2,830.0		0.0	2,830.0	1,050.0	1,780.0				
LA County	MR315.23	Carmenita - Telegraph Intersection Improvements		1,400.0		0.0	1,400.0	800.0	600.0				
LA County	MR315.22	Norwalk-Washington Intersection Improvements		550.0		0.0	550.0	550.0					
LA County	TBD	South Whittier Bikeway Access Improvements (Call Match) F9511		800.0		0.0	800.0			155.0		645.0	
		TOTAL LA COUNTY		9,630.0		0.0	9,630.0	4,800.0	4,030.0	155.0	0.0	645.0	0.0

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Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421	30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Lakewood	MR315.36	Lakewood Blvd Regional Capacity Enhancement		3,600.0		0.0	3,600.0	1,000.0	2,600.0				
Lakewood	MR315.04	Lakewood - Del Amo Intersection Improvements		5,504.3		0.0	5,504.3	5,504.3					
		TOTAL LAKEWOOD		9,104.3		0.0	9,104.3	6,504.3	2,600.0	0.0	0.0	0.0	0.0
Long Beach	TBD	2015 CFP - Artesia Complete Blvd (Call Match) F9130		900.0		0.0	900.0						900.0
Long Beach	TBD	2015 CFP - Atherton Bridge & Campus Connection (Call Match) F9532		800.0		0.0	800.0						800.0
Long Beach	TBD	Park or Ride (Call Match) F9808		212.6		0.0	212.6		14.9	49.3	62.5	71.8	14.1
Long Beach	MR315.60	Soundwall on I-605 near Spring Street, PAED and PSE	Chg	250.0		100.0	350.0	50.0		200.0	100.0		
Long Beach	MR315.61	Lakewood - Spring Intersction Improvements, PSE and Construction		454.3		(0.0)	454.3	454.3					
Long Beach	MR315.62	Bellflower - Spring Intersection Improvements, PSE and Construction		492.8		0.0	492.8	492.8					
		TOTAL LONG BEACH		3,109.7		100.0	3,209.7	997.1	14.9	249.3	162.5	71.8	1,714.1
Norwalk	MR315.06	Studebaker - Rosecrans Intersection Improvements		1,670.0		0.0	1,670.0	1,670.0					
Norwalk	MR315.10	Bloomfield - Imperial Intersection Improvements		920.0		0.0	920.0	920.0					
Norwalk	MR315.17	Pioneer - Imperial Intersection Improvements		1,509.0		0.0	1,509.0	1,509.0					
Norwalk	MR315.26	Studebaker - Alondra Intersection Improvements		480.0		0.0	480.0	480.0					
Norwalk	MR315.43	Imperial Highway ITS Project, from San Gabriel River to Shoemaker Rd. (PAED, PS&E, CON)		3,380.4		0.0	3,380.4	3,380.4					
		TOTAL NORWALK		7,959.4		0.0	7,959.4	7,959.4	0.0	0.0	0.0	0.0	0.0

ATTACHMENT A

Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421	30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Pico Rivera	MR315.05	Rosemead - Beverly Intersection Improvements		8,474.0	0.0	8,474.0	4,251.0	4,223.0					
Pico Rivera	MR315.09	Rosemead - Whittier Intersection Improvements		1,388.0	0.0	1,388.0	1,388.0						
Pico Rivera	MR315.21	Rosemead - Washington Intersection Improvements		40.0	0.0	40.0	40.0						
Pico Rivera	MR315.19	Rosemead - Slauson Intersection Improvements		2,195.0	0.0	2,195.0	2,195.0						
TOTAL PICO RIVERA				12,097.0	0.0	12,097.0	7,874.0	4,223.0	0.0	0.0	0.0	0.0	0.0
Santa Fe Springs	MR315.40	Valley View - Rosecrans Intersection Improvements, Construction	Chg	524.0	300.0	824.0	524.0		300.0				
Santa Fe Springs	MR315.41	Valley View - Alondra Intersection Improvements, ROW & Construction	Chg	2,967.0	(300.0)	2,667.0	2,667.0						
Santa Fe Springs	MR315.42	Florence Avenue Widening Project, from Orr & Day to Pioneer Blvd (PAED, PSE, ROW)		600.0	0.0	600.0	0.0	50.0	550.0				
TOTAL SANTA FE SPRINGS				4,091.0	0.0	4,091.0	3,191.0	50.0	850.0	0.0	0.0	0.0	0.0
Whittier	MR315.44	Santa Fe Springs Whittier Intersection Improvements: PSE, ROW, Construction		1,567.9	0.0	1,567.9	1,567.9						
Whittier	MR315.45	Painter Ave - Whittier Intersection Improvements: PSE, ROW, Construction		1,760.3	0.0	1,760.3	1,760.3						
Whittier	MR315.46	Colima Ave - Whittier Intersection Improvements: PSE, ROW, Construction		1,646.2	0.0	1,646.2	1,646.2						
TOTAL WHITTIER				4,974.4	0.0	4,974.4	4,974.4	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL I-605/SR-91/I-405 "HOT SPOTS"				191,712.6	3,420.0	195,132.6	87,774.3	45,723.4	30,364.3	20,039.6	9,516.8	1,714.1	

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Measure R Highway Operational Improvements Projects																					
<i>(Dollars in Thousands)</i>																					
HIGHWAY OPS IMP GRAND TOTAL				984,421		30,261		1,014,661		537,534		172,669		119,783		97,349		63,484		9,261	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION		Notes	Prior	Alloc	Alloc Change	Project	Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21						
Gateway Cities: INTERSTATE 710 SOUTH EARLY ACTION PROJECT					148,082.5	16,282.0		164,344.5		97,021.8	41,607.4	5,451.9	5,500.0	0.0	183.0						
GCCOG	MOU.306.03	GCCOG Engineering Support Services		Chg	1,700.0	0.0		1,700.0		1,600.0	100.0										
TOTAL GCCOG					1,700.0	0.0		1,700.0		1,600.0	100.0	0.0	0.0	0.0	0.0						
Metro	PS4720-3334	Program/Project Management Support of Measure R Funds			200.0	0.0		200.0		200.0											
Metro	PS-4010-2540-02-17	I-710/I-5 Interchange Project Development			600.0	0.0		600.0		600.0											
Metro	various	Professional Services contracts for I-710 Utility Studies (North, Central, South)			25,046.0	0.0		25,046.0		16,237.0	8,809.0										
Metro	PS4340-1939	Professional Services contract for I-710 Corridor Project EIR/EIS			32,520.9	0.0		32,520.9		18,749.9	13,771.0										
Metro	PS4710-2744	Professional Services contract for I-710 Soundwall Project Development			10,878.4	0.0		10,878.4		8,678.4	2,200.0										
Metro	TBD	I-710 Soundwall Package 2		Add	0.0	7,000.0		7,000.0					1,000.0	6,000.0							
Metro	MOU.Calstart2010	Professional Services contract for development of zero emission technology report			150.0	0.0		150.0		150.0											
Metro	TBD	I-710 ITS/Air Quality Early Action (Grant Match)			8,760.0	0.0		8,760.0			8,760.0										
Metro	MR306.41	FRATIS Modernization (Grant Match)			3,000.0	0.0		3,000.0				3,000.0									
Metro	MR306.38	Sustainable Transportation Planning Grant (Grant Match)			64.8	0.0		64.8			64.8										
TOTAL METRO					81,220.1	7,000.0		88,220.1		44,615.4	33,604.8	3,000.0	1,000.0	6,000.0	0.0						
POLA	MR306.40	I-710 Eco-FRATIS Drayage Truck Efficiency Project (Grant Match)			240.0	0.0		240.0			240.0										
TOTAL POLA					240.0	0.0		240.0		0.0	240.0	0.0	0.0	0.0	0.0						
Metro	13.01/USACE	Third Party Support Services for I-710 Corridor Project (US Army Corp of Eng)			100.0	0.0		100.0		100.0											
TOTAL USACE					100.0	0.0		100.0		100.0	0.0	0.0	0.0	0.0	0.0						
Metro	MR306.5B	Third Party Support Services for I-710 Corridor Project (So Cal Edison)			1,623.0	0.0		1,623.0		1,223.0	400.0										
Metro	MR306.39	I-710 Soundwall Project - SCE Utility Relocation Engineering Advance			75.0	0.0		75.0		0.0	75.0										
Metro	TBD	SCE design support I-710 Soundwall Package 2		Add		200.0		200.0				200.0									
TOTAL SCE					1,698.0	200.0		1,898.0		1,223.0	475.0	200.0	0.0	0.0	0.0						
Caltrans	MR306.24	Reconfiguration of Firestone Blvd On-Ramp to I-710 S/B Freeway			1,450.0	0.0		1,450.0		1,450.0											
Caltrans	MR306.27	Third Party Support for I-710 Corridor Project EIR/EIS Enhanced IQA			3,500.0	0.0		3,500.0		2,500.0	1,000.0										
Caltrans	MR306.29	I-710 Early Action Project - Soundwall PA/ED Phase - Noise Study Only			100.0	0.0		100.0		100.0											
TOTAL CALTRANS					5,050.0	0.0		5,050.0		4,050.0	1,000.0	0.0	0.0	0.0	0.0						

ATTACHMENT A

Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421	30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
LA County	MR306.16	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg	98.0	59.0	157.0	84.5		72.5				
		TOTAL LA COUNTY		98.0	59.0	157.0	84.5	0.0	72.5	0.0	0.0	0.0	0.0
Bell	MR306.37	Eastern at Bandini Rickenbacker Project (Call Match) F9200		178.6	0.0	178.6		178.6					
Bell	MR306.07	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg/Deob	150.0	(14.0)	136.0	60.9		75.1				
Bell	TBD	Gage Ave Bridge Replacement Project	Add		2,240.0	2,240.0					2,240.0		
Bell	TBD	Slauson Ave Bridge Replacement Project	Add		2,040.0	2,040.0					2,040.0		
		TOTAL BELL		328.6	4,266.0	4,594.6	60.9	178.6	75.1	0.0	0.0	0.0	0.0
Bell Gardens	MR306.08	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg/Deob	154.0	(1.6)	152.4	68.1		84.2				
Bell Gardens	MR306.35	Florence/Jaboneria Intersection Project (Call Match) F9111		283.4	0.0	283.4	0.0					100.4	183.0
Bell Gardens	MR306.30	Florence Ave/Eastern Ave Intersection Widening (Call Match) F7120	Chg	348.0	873.1	1,221.1		659.0	562.0				
		TOTAL BELL GARDENS		785.4	871.4	1,656.9	68.1	659.0	646.3	0.0	100.4	183.0	
Commerce	MR306.23	Washington Blvd Widening and Reconstruction Project		13,500.0	0.0	13,500.0	10,500.0	3,000.0					
Commerce	MR306.09	Staff Support for the Review of the Draft I-710 South EIR/EIS		75.0	0.0	75.0	75.0						
		TOTAL COMMERCE		13,575.0	0.0	13,575.0	10,575.0	3,000.0	0.0	0.0	0.0	0.0	0.0
Compton	MR306.10	Staff Support for the Review of the Draft I-710 South EIR/EIS		35.3	0.0	35.3	35.3						
		TOTAL COMPTON		35.3	0.0	35.3	35.3	0.0	0.0	0.0	0.0	0.0	0.0
Downey	MR306.18	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg	130.0	(10.0)	120.0	10.0		110.0				
Downey	MR306.20	Paramount Blvd/Firestone Intersection Improvements (Complete)	Chg	3,169.0	(100.0)	3,069.0	3,069.0						
Downey	MR306.41	Firestone Blvd Improvement Project (Old River Rd. to West City Limits)	Chg	223.0	100.0	323.0	223.0		100.0				
Downey	MR306.31	Lakewood Blvd Improvement Project		5,000.0	0.0	5,000.0	5,000.0						
		TOTAL DOWNEY		8,522.0	(10.0)	8,512.0	8,302.0	0.0	210.0	0.0	0.0	0.0	0.0

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Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421		30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
Huntington Park	MR306.36	Staff Support for the Review of the Draft I-710 South EIR/EIS		15.0	0.0	15.0	15.0						
		TOTAL HUNTINGTON PARK		15.0	0.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Beach	MR306.19	Shoemaker Bridge Replacement Project		5,500.0	0.0	5,500.0	4,000.0	1,500.0					
Long Beach	MR306.11	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg	200.0	(54.0)	146.0	46.0		100.0				
Long Beach	MR306.22	Atlantic Ave/Willow St Intersection Improvements		300.0	0.0	300.0	300.0						
		TOTAL LONG BEACH		6,000.0	(54.0)	5,946.0	4,346.0	1,500.0	100.0	0.0	0.0	0.0	0.0
Lynwood	TBD	Staff Support for the Review of the Draft I-710 South EIR/EIS	Add		20.0	20.0			20.0				
		TOTAL LYNWOOD		0.0	20.0	20.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
Maywood	MR306.12	Staff Support for the Review of the Draft I-710 South EIR/EIS		65.0	0.0	65.0	65.0						
		TOTAL MAYWOOD		65.0	0.0	65.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0
Paramount	MR306.13	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg	130.0	0.0	130.0	50.0		80.0				
Paramount	MR306.32	Garfield Ave Improvements	Chg	2,075.0	750.0	2,825.0	2,075.0		750.0				
		TOTAL PARAMOUNT		2,205.0	750.0	2,955.0	2,125.0	0.0	830.0	0.0	0.0	0.0	0.0
South Gate	MR306.14	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg	200.0	(15.5)	184.5	84.5		100.0				
South Gate	MR306.17	Atlantic Ave/Firestone Blvd Intersection Improvements (Complete)		12,400.0	0.0	12,400.0	12,400.0						
South Gate	MR306.33	Firestone Blvd Regional Corridor Capacity Enhancement Project		6,000.0	0.0	6,000.0	6,000.0						
South Gate	MR306.43	I-710 Soundwall Project - Package 1 Construction Phase	Chg	5,700.0	3,200.0	8,900.0			200.0	4,500.0	4,200.0		
		TOTAL SOUTH GATE		24,300.0	3,184.5	27,484.5	18,484.5	0.0	300.0	4,500.0	4,200.0	0.0	0.0
Vernon	MR306.15	Staff Support for the Review of the Draft I-710 South EIR/EIS	Chg/Deob	75.0	(4.8)	70.2	52.2		18.0				
Vernon	MR306.25	Atlantic Blvd Bridge Widening and Rehabilitation		2,070.0	0.0	2,070.0	1,220.0	850.0					
		TOTAL VERNON		2,145.0	(4.8)	2,140.2	1,272.2	850.0	18.0	0.0	0.0	0.0	0.0
		TOTAL I-710 SOUTH & EARLY ACTION PROJ		148,082.5	16,282.0	164,344.5	97,021.8	41,607.4	5,451.9	5,500.0	10,300.4	183.0	

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Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				984,421	30,261	1,014,661	537,534	172,669	119,783	97,349	63,484	9,261	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Project Alloc	Prior Yr Program	FY17	FY18	FY19	FY20	FY21
North County: SR-138 Capacity Enhancements				200,000.0			200,000.0	72,900.0	33,800.0	20,100.0	28,000.0	45,200.0	
Metro	MR330.01	SR-138 (AvenueD) PA/ED (I-5 to SR-14)		19,400.0			19,400.0	18,000.0	1,400.0				
Metro/Caltrans	MR330.12	SR 138 Segment 6 Construction		5,600.0			5,600.0				5,600.0		
		TOTAL METRO		25,000.0	0.0	0.0	25,000.0	18,000.0	1,400.0	0.0	5,600.0	0.0	0.0
Lancaster	MR330.02	SR-138 (SR-14) Avenue K Interchange		15,000.0			15,000.0	5,000.0	10,000.0				
Lancaster	MR330.03	SR-138 (SR-14) Avenue G Interchange		15,000.0			15,000.0	3,100.0				11,900.0	
Lancaster	MR330.04	SR-138 (SR-14) Avenue J Interchange		10,000.0			10,000.0	2,300.0	1,000.0			6,700.0	
Lancaster	MR330.05	SR-138 (SR-14) Avenue L Interchange		5,000.0			5,000.0	200.0	100.0	900.0		3,800.0	
Lancaster	MR330.06	SR-138 (SR-14) Avenue M Interchange		20,000.0			20,000.0	3,900.0	500.0		15,600.0		
		TOTAL LANCASTER		65,000.0	0.0	0.0	65,000.0	14,500.0	11,600.0	900.0	15,600.0	22,400.0	0.0
Palmdale	MR330.07	SR-138 Palmdale Blvd. (SR-138) 5th to 10th St. East		25,000.0			25,000.0	25,000.0					
Palmdale	MR330.08	SR-138 Palmdale Blvd. SB 14 Ramps		25,000.0			25,000.0	4,100.0	2,500.0		6,800.0	11,600.0	
Palmdale	MR330.09	SR-138 10th St. West Interchange		15,000.0			15,000.0	3,900.0	7,000.0	4,100.0			
Palmdale	MR330.10	SR-138 (SR-14) Widening Rancho Vista Blvd. to Palmdale Blvd		25,000.0			25,000.0	6,600.0	8,800.0	9,600.0			
Palmdale	MR330.11	SR-138 Avenue N Overcrossing		20,000.0			20,000.0	800.0	2,500.0	5,500.0		11,200.0	
		TOTAL PALMDALE		110,000.0	0.0	0.0	110,000.0	40,400.0	20,800.0	19,200.0	6,800.0	22,800.0	0.0
		TOTAL SR-138 CAPACITY ENH		200,000.0			200,000.0	72,900.0	33,800.0	20,100.0	28,000.0	45,200.0	0.0