

South Bay Cities Council of Governments

February 23, 2023

To: SBCCOG Board of Directors

From: Jacki Bacharach, Executive Director
Steve Lantz, Transportation Director

Re: FY 23-24 Measure R South Bay Highway Program & Measure M Multi-Year Subregional Programs - requests for additional funding

BACKGROUND

The SBCCOG assists Metro with administration of the Measure R South Bay Highway Program (SBHP) and three Measure M Multi-Year Subregional Programs (MSPs). The SBCCOG's Annual Program Update includes an estimate of the annual funding needed to reimburse project expenses over the upcoming fiscal years. Most projects can be completed within five years, but some projects with complex environmental, design or right of way acquisition may take longer. Metro has also transitioned to phased programming where funds are programmed to the project on a phase-by-phase basis. The funding needed beyond five years for these more complex projects or for future project phases is added in subsequent annual program updates.

In 2020, the SBCCOG initiated a decennial fund transfer opportunity afforded by the Measure R ordinance, a process that created the Measure R South Bay Transit Investment Program (SBTIP). That action transferred \$400 million in unprogrammed Measure R SBHP funding to the new SBTIP to be used for transit capital projects. Upon that action, un-programmed SBHP funds were reserved for "costs to complete" current SBHP projects. If the current recommendation is approved, there is approximately \$56 million in un-programmed funding prior to the end of the Measure R SBHP program in 2039. No new SBHP projects will be considered until current projects have been completed and an evaluation of remaining funds can be made.

The Measure M ordinance restricts use of funding available within each of the three MSPs to the annual amounts programmed in the Measure M Expenditure Plan. Based off Metro's Measure M MSP 5-year cashflows provided in October 2022, there is approximately \$50 million in unallocated South Bay Measure M MSP funds through FY25-26. If the current recommendation is approved, there is approximately \$35 million available until FY26-27. Considering no new funding will be allocated to the programs until the 2026-2027 fiscal year, SBCCOG staff is evaluating requests for additional MSP funds for existing projects separately from requests for new MSP projects. SBCCOG staff will carefully consider new project requests and will make a separate recommendation in April 2023 for the programming of any MSP funds towards new projects.

It is common for initial conceptual cost estimates to increase once design has been completed and right of way needs are established. As a result of inflation, supply chain problems, and other pandemic related issues, cost estimates have increased more significantly than in prior years. As part of the annual program update process, SBCCOG staff has worked with lead agency staff and

Metro to identify changes to current projects, including those that will require additional funding to complete construction or their current project phase. In December 2022, SBCCOG staff received funding augmentation requests for six (6) existing Measure R SBHP projects and 5 Measure M projects. SBCCOG staff is recommending a total of \$8,563,000 in additional Measure R SBHP funding, and \$15,209,223 in Measure M MSP funding, to the following existing projects:

- **City of Gardena: \$728,000 in SBHP funds for MR312.02 Traffic Signal Reconstruction on Vermont at Redondo Beach Blvd and at Rosecrans Ave.** The city has nearly completed design and is requesting additional funding for construction due to price escalations. This action will bring total SBHP funding to \$2,228,000.
- **City of Gardena: \$2,305,000 in SBHP funds for MR312.09 Artesia Blvd Arterial Improvements from Western Ave to Vermont Ave.** The city is requesting additional funding to meet increased construction costs as well as a more comprehensive traffic detour and control plan than originally expected. This action will bring total SBHP funding to \$4,828,000.
- **Port of Los Angeles: \$2,980,000 in SBHP funds for MR312.32 SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd.** POLA is requesting \$2,980,000 in additional funding to cover a funding shortfall caused by price escalations and additional unanticipated construction costs. This action will bring total SBHP funding to \$49,330,000. Because the project exceeds \$20 million, POLA has committed the required match of \$44.8 million from local, state and federal funds for a total updated project budget of \$94.1 million.
- **City of Redondo Beach: \$1,000,000 in SBHP funds for MR312.06 PCH Improvements from Anita St to Palos Verdes Blvd.** The city is requesting additional funding to acquire right-of-way needed to implement the improvements. This action will bring total SBHP funding to \$2,400,000.
- **City of Redondo Beach: \$550,000 in SBHP funds for MR312.20 Aviation Blvd at Artesia Blvd Intersection Improvements (Northbound right turn lane).** The city is requesting additional funding to complete a protracted right-of-way acquisition process and construction. This action will bring total SBHP funding to \$2,457,000.
- **City of Redondo Beach: \$1,000,000 in SBHP funds for MR312.75 Kingsdale Ave at Artesia Blvd Intersection Improvements.** The city is requesting additional funding to meet construction cost escalations. This action will bring total SBHP funding to \$1,992,000.
- **City of Gardena: \$5,675,000 in MSP funds for MM5507.04 Redondo Beach Blvd Arterial Improvements.** The city is requesting additional funding to meet construction cost escalations as well as to implement additional measures proposed to further enhance safety and reduce vehicle delay that were identified in the design process. This action will bring total MSP funding to \$11,243,000.

- **City of Manhattan Beach: \$4,963,000 in MSP funds for MM5508.04 Manhattan Beach Advanced Traffic Signal Project.** The city is requesting additional funding based on the 2022 final engineering cost estimate which came in significantly higher than the preliminary cost estimates in 2019. This action will bring total MSP funding to \$17,713,000.

- **City of Redondo Beach: \$500,000 in MSP funds for MM5508.05 Redondo Beach Transit Center Park & Ride.** The city is requesting additional funding to meet construction cost escalations. This action will bring total MSP funding to \$7,750,000.

- **City of Redondo Beach: \$3,000,000 in MSP funds for MM5508.13 Traffic Signal Communications and Network System.** The city is requesting additional funding due higher than anticipated bids for the first segment of the project and in anticipation of increased construction costs for the remaining segments. This action will bring total MSP funding to \$5,000,000.

- **County of Los Angeles: \$1,071,223 in MSP funds for MM5507.07 Avalon Blvd TSSP in the City of Carson.** The County is requesting additional funds to meet construction cost escalations. This action will bring total MSP funding to \$2,601,223.

Exhibit 1 includes the program of projects for the Measure R SBHP and provides information on prior funding allocation, prior funding programmed, recommended allocation changes, and recommended revised total allocation for each project. Exhibit 1 also includes several project de-obligations totaling \$8,090,000. Consistent with an SBCCOG policy that requires Caltrans and Metro to seek federal or state funds for Caltrans South Bay project construction costs, Metro Staff is recommending that Caltrans project MR312.85 be re-scoped to provide a reserve using de-obligated funds for any local match required in State and Federal grant applications.

Subsequent to SBCCOG Board action, the Measure R SBHP Annual Program Update will be transmitted to Metro for the recommended funding allocations. Metro is expected to act on the Measure R SBHP request in June 2023 and the Measure M MSP request in September 2023

RECOMMENDATION

That the SBCCOG Board of Directors approve the updates to existing projects for the FY23-24 Measure R SBHP and Measure M MSPs Annual Program updates as reflected in Exhibit 1 and Exhibit 2.

Attachments:

- Exhibit 1 – FY 2023-24 Funding allocations for Measure R SBHP active projects
- Exhibit 2 – FY 2023-24 Funding allocations for Measure M MSPs active projects

Measure R South Bay Highway Improvements FY 23/24 Update				2/1/23				Exhibit 1			
Lead Agency	Project No.	Project Description	Notes	Prior Allocation	Recommended Allocation Change	Recommended Current Allocation	Prior Year Program	FY23-24	FY24-25	FY25-26	
South Bay I-405, I-1110, I-105, & SR-91 Ramp / Interchange Improvements					\$441,340,330	\$8,473,000	\$449,813,330	\$389,780,330	\$31,433,000	\$7,000,000	\$21,500,000
SBCCOG	MR312.01	South Bay Cities COG Program Development & Oversight and Program Administration (Project Development Budget Included)		\$13,375,000	\$0	\$13,375,000	\$13,375,000				
		TOTAL SBCCOG		\$13,375,000	\$0	\$13,375,000	\$13,375,000	\$0	\$0	\$0	
Caltrans	MR312.11	ITS: I-405, I-110, I-105, SR-91 at Freeway Ramp/Arterial Signalized Intersections		\$5,357,000	\$0	\$5,357,000	\$5,357,000				
Caltrans	MR312.24	I-110 Aux lane from SR-91 to Torrance Blvd Aux lane & I-405/I-110 Connector (Completed)		\$8,120,000	\$0	\$8,120,000	\$8,120,000				
Caltrans	MR312.25	I-405 at 182nd St. / Crenshaw Blvd Improvements		\$86,400,000	\$0	\$86,400,000	\$80,400,000	\$6,000,000			
Caltrans	MR312.29	ITS: Pacific Coast Highway and Parallel Arterials From I-105 to I-110		\$9,000,000	\$0	\$9,000,000	\$9,000,000				
Caltrans	MR312.45	PAED Integrated Corridor Management System (ICMS) on I- 110 from Artesia Blvd and I-405 (Completed)	DEOB	\$1,000,000	-\$1,000,000	\$0	\$0				
Caltrans	MR312.77	I-405 IQA Review for PSR (El Segundo to Artesia Blvd)		\$150,000	\$0	\$150,000	\$150,000				
Caltrans	MR312.78	I-405 IQA Review for PSR (Main St to Wilmington)		\$150,000	\$0	\$150,000	\$150,000				
Caltrans	MR312.82	PCH (I-105 to I-110) Turn Lanes and Pockets		\$8,400,000	\$0	\$8,400,000	\$8,400,000				
Caltrans	MR312.86	I-105 Integrated Corridor Management (IQA)		\$150,000	\$0	\$150,000	\$150,000				
		TOTAL CALTRANS		\$118,727,000	-\$1,000,000	\$117,727,000	\$111,727,000	\$6,000,000	\$0	\$0	
Carson/Metro	MR312.41	Traffic Signal Upgrades at 10 intersections		\$4,220,000	\$0	\$4,220,000	\$4,220,000				
Carson/Metro	MR312.46	Upgrade Traffic Control Signals at the Intersection of Figueroa St and 234th St and Figueroa St and 228th St		\$150,000	\$0	\$150,000	\$150,000				
Carson	MR312.80	223rd St Widening		\$1,000,000	\$0	\$1,000,000	\$1,000,000				
		TOTAL CARSON		\$5,370,000	\$0	\$5,370,000	\$5,370,000	\$0	\$0	\$0	
El Segundo	MR312.22	Maple Ave Improvements from Sepulveda Blvd to Parkview Ave (Completed)		\$2,500,000	\$0	\$2,500,000	\$2,500,000				
El Segundo	MR312.27	PCH Improvements from Imperial Highway to El Segundo Blvd (Deobligated)		\$0	\$0	\$0	\$0				
El Segundo	MR312.57	Park Place Roadway Extension and Railroad Grade Separation Project		\$5,350,000	\$0	\$5,350,000	\$5,350,000				
		TOTAL EL SEGUNDO		\$7,850,000	\$0	\$7,850,000	\$7,850,000	\$0	\$0	\$0	
Gardena	MR312.02	Traffic Signal Reconstruction on Vermont at Redondo Beach Blvd and at Rosecrans Ave	CHG	\$1,500,000	\$728,000	\$2,228,000	\$1,500,000	\$728,000			
Gardena	MR312.09	Artesia Blvd Arterial Improvements from Western Ave to Vermont Ave	CHG	\$2,523,000	\$2,305,000	\$4,828,000	\$2,523,000	\$2,305,000			
Gardena	MR312.17	Rosecrans Ave Improvements from Vermont Ave to Crenshaw Blvd (Completed)		\$4,967,000	\$0	\$4,967,000	\$4,967,000				
Gardena	MR312.19	Artesia Blvd at Western Ave Intersection Improvements (Westbound left turn lanes) (Completed)		\$393,000	\$0	\$393,000	\$393,000				
Gardena	MR312.21	Vermont Ave Improvements from Rosecrans Ave to 182nd Street (Completed)		\$2,090,300	\$0	\$2,090,300	\$2,090,300				
Gardena	MR312.79	Traffic Signal Install at Vermont Ave. and Magnolia Ave		\$144,000	\$0	\$144,000	\$144,000				

Measure R South Bay Highway Improvements FY 23/24 Update				2/1/23			Exhibit 1			
Lead Agency	Project No.	Project Description	Notes	Prior Allocation	Recommended Allocation Change	Recommended Current Allocation	Prior Year Program	FY23-24	FY24-25	FY25-26
		TOTAL GARDENA		\$11,617,300	\$3,033,000	\$14,650,300	\$11,617,300	\$3,033,000	\$0	\$0
Hawthorne	MR312.03	Rosecrans Ave Widening from I-405 SB off ramp to Isis Ave (Completed)		\$2,100,000	\$0	\$2,100,000	\$2,100,000			
Hawthorne	MR312.33	Aviation Blvd at Marine Ave Intersection Improvements (Westbound right turn lane) (Completed)		\$3,600,000	\$0	\$3,600,000	\$3,600,000			
Hawthorne	MR312.44	Hawthorne Blvd Improvements from El Segundo Blvd to Rosecrans Ave (Completed)		\$7,551,000	\$0	\$7,551,000	\$7,551,000			
Hawthorne	MR312.47	Signal Improvements on Prairie Ave from 118th St to Marine Ave		\$1,237,000	\$0	\$1,237,000	\$1,237,000			
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.		\$2,000,000	\$0	\$2,000,000	\$2,000,000			
Hawthorne	MR312.61	Hawthorne Blvd Arterial Improvements, from 126th St to 111th St		\$4,400,000	\$0	\$4,400,000	\$4,400,000			
Hawthorne	MR312.66	Imperial Ave Signal Improvements and Intersection Capacity Project		\$1,995,000	\$0	\$1,995,000	\$1,995,000			
Hawthorne	MR312.67	Rosecrans Ave Signal Improvements and Intersection Capacity Enhancements		\$3,200,000	\$0	\$3,200,000	\$3,200,000			
Hawthorne	MR312.68	El Segundo Blvd Improvements Project Phase I		\$2,000,000	\$0	\$2,000,000	\$2,000,000			
Hawthorne	MR312.69	El Segundo Blvd Improvements Project Phase II		\$1,300,000	\$0	\$1,300,000	\$1,300,000			
Hawthorne	MR312.81	120th St Improvements - Crenshaw Blvd to Felton Ave		\$3,600,000	\$0	\$3,600,000	\$2,600,000	\$1,000,000		
		TOTAL HAWTHORNE		\$32,983,000	\$0	\$32,983,000	\$31,983,000	\$1,000,000	\$0	\$0
Hermosa Beach	MR312.05	PCH (SR-1/PCH) Improvements between Anita St and Artesia Blvd		\$574,700	\$0	\$574,700	\$574,700			
		TOTAL HERMOSA BEACH		\$574,700	\$0	\$574,700	\$574,700	\$0	\$0	\$0
Inglewood	MR312.12	Intelligent Transportation System (ITS) Phase IV (Completed)		\$3,500,000	\$0	\$3,500,000	\$3,500,000			
Inglewood	MR312.50	ITS: Phase V - Communication Gap Closure on Various Locations, ITS Upgrade and Arterial Detection (Deobligated)		\$0	\$0	\$0	\$0			
Inglewood	MR312.70	Prairie Ave Signal Synchronization Project (Completed)		\$205,000	\$0	\$205,000	\$205,000			
Inglewood	MR312.71	La Cienega Blvd Signal Synchronization Project (Completed)		\$80,000	\$0	\$80,000	\$80,000			
Inglewood	MR312.72	Arbor Vitae Signal Synchronization Project (Completed)		\$130,000	\$0	\$130,000	\$130,000			
Inglewood	MR312.73	Florence Ave Signal Synchronization Project (Completed)		\$255,000	\$0	\$255,000	\$255,000			
		TOTAL INGLEWOOD		\$4,170,000	\$0	\$4,170,000	\$4,170,000	\$0	\$0	\$0
LA City	MR312.48	Alameda St (South) Widening from Anaheim St to Harry Bridges Blvd <i>(Additional funding via MM5508.14)</i>		\$17,481,330	\$0	\$17,481,330	\$13,481,330	\$4,000,000		
LA City	MR312.51	Improve Anaheim St from Farragut Ave to Dominguez Channel (Call Match) F7207		\$1,313,000	\$0	\$1,313,000	\$1,313,000			
LA City	MR312.56	Del Amo Blvd Improvements from Western Ave to Vermont Ave Project Oversight		\$100,000	\$0	\$100,000	\$100,000			
LA City	MR312.74	Alameda St (East) Widening Project		\$3,580,000	\$0	\$3,580,000	\$3,580,000			
		TOTAL LA CITY		\$22,474,330	\$0	\$22,474,330	\$18,474,330	\$4,000,000	\$0	\$0

Measure R South Bay Highway Improvements FY 23/24 Update				2/1/23				Exhibit 1		
Lead Agency	Project No.	Project Description	Notes	Prior Allocation	Recommended Allocation Change	Recommended Current Allocation	Prior Year Program	FY23-24	FY24-25	FY25-26
LA County	MR312.16	Del Amo Blvd Improvements from Western Ave to Vermont Ave (Completed)		\$307,000	\$0	\$307,000	\$307,000			
LA County	MR312.52	ITS: Improvements on South Bay Arterials (Call Match) F7310		\$1,021,000	\$0	\$1,021,000	\$1,021,000			
LA County	MR312.64	South Bay Arterial System Detection Project		\$2,000,000	\$0	\$2,000,000	\$2,000,000			
		TOTAL LA COUNTY		\$3,328,000	\$0	\$3,328,000	\$3,328,000	\$0	\$0	\$0
Lawndale	MR312.15	Inglewood Ave Widening from 156th Street to I-405 Southbound on-ramp (Completed)		\$43,000	\$0	\$43,000	\$43,000			
Lawndale	MR312.31	Manhattan Beach Blvd at Hawthorne Blvd Left Turn Signal Improvements		\$508,000	\$0	\$508,000	\$508,000			
Lawndale	MR312.36	ITS: City of Lawndale Citywide Improvements (Completed)		\$878,300	\$0	\$878,300	\$878,300			
Lawndale	MR312.49	Redondo Beach Blvd Mobility Improvements from Prairie to Artesia (Call Match) F9101		\$1,039,300	\$0	\$1,039,300	\$1,039,300			
		TOTAL LAWDALE		\$2,468,600	\$0	\$2,468,600	\$2,468,600	\$0	\$0	\$0
Lomita	MR312.43	Intersection Improvements at Western/Palos Verdes Dr and PCH/Walnut (Completed)		\$1,585,000	\$0	\$1,585,000	\$1,585,000			
		TOTAL LOMITA		\$1,585,000	\$0	\$1,585,000	\$1,585,000	\$0	\$0	\$0
Manhattan Beach	MR312.04	Sepulveda Blvd at Marina Ave Intersection Improvements (West Bound left turn lanes) (Completed)		\$346,500	\$0	\$346,500	\$346,500			
Manhattan Beach	MR312.28	Seismic retrofit of widened Bridge 53-62 from Sepulveda Blvd from 33rd Street to south of Rosecrans Ave		\$9,100,000	\$0	\$9,100,000	\$9,100,000			
Manhattan Beach	MR312.34	Aviation Blvd at Artesia Blvd Intersection Improvements (Southbound right turn lane)		\$1,500,000	\$0	\$1,500,000	\$1,500,000			
Manhattan Beach	MR312.35	Sepulveda Blvd at Manhattan Beach Blvd Intersection Improvements (NB, WB, EB left turn lanes and SB right turn lane)		\$2,046,000	\$0	\$2,046,000	\$2,046,000			
Manhattan Beach	MR312.62	Marine Ave at Cedar Ave Intersection Improvements		\$900,000	\$0	\$900,000	\$900,000			
Manhattan Beach	MR312.87	Manhattan Beach Blvd at Peck Ave Signal Improvements		\$100,000	\$0	\$100,000	\$0			
		TOTAL MANHATTAN BEACH		\$13,992,500	\$0	\$13,992,500	\$13,892,500	\$0	\$0	\$0
Metro	MR312.30	I-405 Improvements from I-105 to Artesia Blvd		\$17,381,000	\$0	\$17,381,000	\$17,381,000			
Metro	MR312.55	I-405 Improvements from I-110 to Wilmington	DEOB	\$17,400,000	-\$7,000,000	\$10,400,000	\$10,400,000			
Metro	3000002033/PS 4010-2540-01- 19	South Bay Arterial Baseline Conditions Analysis (Completed)		\$250,000	\$0	\$250,000	\$250,000			
Metro	MR312.83	Inglewood Transit Center at Florence/La Brea		\$1,500,000	\$0	\$1,500,000	\$1,500,000			
Metro	MR312.84	I-105 Integrated Corridor Management		\$19,850,000	\$0	\$19,850,000	\$5,000,000	\$14,850,000		
Metro	MR312.85	South Bay I-405 Improvements - Local Match for State/Federal Grants	CHG	\$14,000,000	\$8,000,000	\$22,000,000	\$22,000,000			
		TOTAL METRO		\$70,381,000	\$1,000,000	\$71,381,000	\$56,531,000	\$14,850,000	\$0	\$0
Rancho Palos Verdes	MR312.39	Western Ave. (SR-213) from Palos Verdes Drive North to 25th street -- PSR	DEOB	\$90,000	-\$90,000	\$0	\$0			
		TOTAL RANCHO PALOS VERDES		\$90,000	-\$90,000	\$0	\$0	\$0	\$0	\$0

Measure R South Bay Highway Improvements FY 23/24 Update				2/1/23				Exhibit 1		
Lead Agency	Project No.	Project Description	Notes	Prior Allocation	Recommended Allocation Change	Recommended Current Allocation	Prior Year Program	FY23-24	FY24-25	FY25-26
POLA	MR312.32	SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd	CHG	\$46,350,000	\$2,980,000	\$49,330,000	\$20,830,000	\$0	\$7,000,000	\$21,500,000
		TOTAL POLA		\$46,350,000	\$2,980,000	\$49,330,000	\$20,830,000	\$0	\$7,000,000	\$21,500,000
Redondo Beach	MR312.06	Pacific Coast Highway improvements from Anita Street to Palos Verdes Blvd	CHG	\$1,400,000	\$1,000,000	\$2,400,000	\$1,400,000	\$1,000,000		
Redondo Beach	MR312.07	Pacific Coast Highway at Torrance Blvd intersection improvements (Northbound right turn lane) (Completed)		\$936,000	\$0	\$936,000	\$936,000			
Redondo Beach	MR312.08	Pacific Coast Highway at Palos Verdes Blvd intersection improvements (WB right turn lane) (Completed)		\$389,000	\$0	\$389,000	\$389,000			
Redondo Beach	MR312.13	Aviation Blvd at Artesia Blvd intersection improvements (Completed) (Eastbound right turn lane)		\$22,000	\$0	\$22,000	\$22,000			
Redondo Beach	MR312.14	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Eastbound right turn lane) (Completed)		\$30,000	\$0	\$30,000	\$30,000			
Redondo Beach	MR312.20	Aviation Blvd at Artesia Blvd intersection improvements (Northbound right turn lane)	CHG	\$1,907,000	\$550,000	\$2,457,000	\$1,907,000	\$550,000		
Redondo Beach	MR312.38	PCH at Anita St Improvements (left and right turn lane)		\$2,400,000	\$0	\$2,400,000	\$2,400,000			
Redondo Beach	MR312.42	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Southbound right turn lane)		\$5,175,000	\$0	\$5,175,000	\$5,175,000			
Redondo Beach	MR312.75	Kingsdale Ave at Artesia Blvd Intersection Improvements	CHG	\$992,000	\$1,000,000	\$1,992,000	\$992,000	\$1,000,000		
		TOTAL REDONDO BEACH		\$13,251,000	\$2,550,000	\$15,801,000	\$13,251,000	\$2,550,000	\$0	\$0
Torrance	MR312.10	Pacific Coast Highway at Hawthorne Blvd intersection improvements		\$20,597,000	\$0	\$20,597,000	\$20,597,000			
Torrance	MR312.18	Maple Ave at Sepulveda Blvd Intersection Improvements (Completed) (Southbound right turn lane)		\$319,900	\$0	\$319,900	\$319,900			
Torrance	MR312.23	Torrance Transit Park and Ride Regional Terminal Project 465 Crenshaw Blvd		\$25,700,000	\$0	\$25,700,000	\$25,700,000			
Torrance	MR312.26	I-405 at 182nd St. / Crenshaw Blvd Operational Improvements		\$15,300,000	\$0	\$15,300,000	\$15,300,000			
Torrance	MR312.40	Pacific Coast Highway at Vista Montana/Anza Ave Intersection Improvements		\$2,900,000	\$0	\$2,900,000	\$2,900,000			
Torrance	MR312.58	Pacific Coast Highway from Calle Mayor to Janet Lane Safety Improvements (Completed)		\$852,000	\$0	\$852,000	\$852,000			
Torrance	MR312.59	Pacific Coast Highway at Madison Ave Signal upgrades to provide left-turn phasing (Completed)		\$500,000	\$0	\$500,000	\$500,000			
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		\$3,300,000	\$0	\$3,300,000	\$3,300,000			
Torrance	MR312.63	PCH at Crenshaw Blvd Intersection Improvements		\$500,000	\$0	\$500,000	\$500,000			
Torrance	MR312.76	Plaza Del Amo at Western Ave (SR-213) Improvements		\$2,784,000	\$0	\$2,784,000	\$2,784,000			
		TOTAL TORRANCE		\$72,752,900	\$0	\$72,752,900	\$72,752,900	\$0	\$0	\$0
		TOTAL SOUTH BAY		\$441,340,330	\$8,473,000	\$449,813,330	\$389,780,330	\$31,433,000	\$7,000,000	\$21,500,000

South Bay Multi-Year Subregional Plan - Transportation System & Mobility Improvements Program 1 (Expenditure Line 50)				2/8/23							Exhibit 2		
Lead Agency	Project No.	Project Description	Funding Phases	Notes	Prior Allocation	Recommended Alloc Change	Recommended Current Allocation	Prior Year Program	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27
SBCCOG	MM5502.01	MSP Administration	Administration		\$92,095		\$92,095	\$92,095					
SBCCOG	MM5502.02	Planning Activities for Local Travel Network	Planning		\$81,843		\$81,843	\$81,843					
1	Inglewood	MM5502.02	ITS (Gap) Closure Improvements	Construction	\$13,500,000		\$13,500,000	\$13,500,000					
2	Inglewood	MM5502.03	Inglewood Intermodal Transit/Park and Ride Facility	PAED, PS&E, Construction	\$4,933,310		\$4,933,310	\$4,933,310					
3	Inglewood	MM5502.09	Prairie Ave Dynamic Lane Control System	PS&E, Construction	\$13,120,000		\$13,120,000	\$13,120,000					
4	LA City	MM4601.01	San Pedro Pedestrian Improvements	PAED, PS&E, Construction	\$7,245,710		\$7,245,710	\$398,606	\$809,013	\$3,372,445	\$2,665,646		
5	LA City	MM4601.02	Wilmington Neighborhood Street Improvements	PAED, PS&E, Construction	\$3,000,600		\$3,000,600	\$362,573	\$2,638,027				
6	LA City	MM4601.03	Avalon Promenade and Gateway	Construction	\$10,207,400		\$10,207,400	\$0		\$3,157,400	\$5,880,000	\$1,170,000	
7	LA County	MM5502.04	182nd St / Albertoni St Traffic Signal Synchronization Program	PAED, PS&E, Construction	\$4,228,500		\$4,228,500	\$0	\$200,000	\$370,000	\$380,000	\$3,278,500	
8	LA County	MM5502.06	Van Ness Traffic Signal Synchronization Program	PAED, PS&E, Construction	\$1,702,000		\$1,702,000	\$0	\$80,000	\$135,000	\$320,000	\$1,167,000	
9	LA County	MM5502.07	Del Amo Blvd (East) Traffic Signal Synchronization Program	PAED, PS&E, Construction	\$1,324,500		\$1,324,500	\$0	\$70,000	\$110,000	\$280,000	\$864,500	
10	LA County	MM4601.04	Westmont / West Athens Pedestrian Improvements	PAED, PS&E, Construction	\$6,682,000		\$6,682,000	\$306,000	\$942,400	\$831,809	\$3,660,000	\$941,791	
11	LA County	MM4601.06	El Camino Village Traffic and Pedestrian Safety Enhancements	PAED, PS&E	\$1,038,000		\$1,038,000	\$0	\$114,000	\$264,000	\$264,000	\$396,000	
12	SBCCOG	MM5502.05	South Bay Fiber Network	Construction	\$6,889,365		\$6,889,365	\$6,889,365					
13	Torrance	MM4601.05	Torrance Schools Safety and Accessibility Program	PS&E, Construction	\$7,185,000		\$7,185,000	\$4,297,300	\$730,500	\$2,157,200			
14	Torrance	MM5502.11	Torrance Fiber Network and Traffic Signal Optimization	PS&E	\$1,050,000		\$1,050,000	\$0	\$70,000	\$980,000			
15	Torrance	MM4601.07	Transportation Open Space Corridor Multi-Use Trail	PAED, PS&E	\$650,000		\$650,000	\$0	\$650,000				
16	Torrance	MM4601.08	Torrance School Safety and Accessibility Program (Phase 2)	PS&E, Construction	\$10,372,609		\$10,372,609	\$0	\$768,600	\$9,604,009			
17	Rolling Hills Estates	MM5502.08	Palos Verdes Drive North at Dapplegray School	PAED, PS&E, ROW, Construction	\$2,880,252		\$2,880,252	\$114,300	\$1,581,802	\$1,184,150			
TSMIP 1 TOTAL PROGRAMMING AMOUNT					\$96,009,246	\$0	\$96,009,246	\$43,921,454	\$8,654,342	\$22,166,013	\$13,449,646	\$7,817,791	\$0

South Bay Multi-Year Subregional Plan - South Bay Highway Operation Improvements (Expenditure Line 63)													
Lead Agency	Project No.	Project Description	Funding Phases	Notes	Prior Allocation	Recommended Alloc Change	Recommended Current Allocation	Prior Year Program	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27
SBCCOG	MM5502.01	MSP Administration	Administration		\$131,564		\$131,564	\$131,564					
SBCCOG	MM5502.02	Planning Activities for Local Travel Network	Planning		\$116,919		\$116,919	\$116,919					
1 Carson	MM5507.02	Carson Street ITS Project	PAED, PS&E, Construction		\$700,000		\$700,000	\$700,000					
2 Carson	MM5507.03	Sepulveda Blvd Widening from Alameda St to ICTF	PS&E, Construction		\$11,897,999		\$11,897,999	\$0	\$5,473,078	\$5,830,014	\$594,907		
3 Carson	MM5507.10	Traffic Signal Upgrade - Avalon Blvd and Gardena Blvd	PAED, PS&E, Construction		\$350,000		\$350,000	\$0	\$2,000	\$130,000	\$218,000		
4 Gardena	MM5507.04	Redondo Beach Blvd Arterial Improvements	PAED, PS&E, Construction		\$5,567,000	\$5,675,000	\$11,242,000	\$620,000	\$2,320,000	\$5,802,000	\$2,500,000		
5 Hawthorne	MM5507.01	North East Hawthorne Mobility Improvement Project	PS&E, ROW, Construction		\$2,000,000		\$2,000,000	\$1,200,000	\$800,000				
6 Inglewood	MM5507.05	Manchester Blvd/Prairie Ave ITS & Traffic Signal Improvements	PAED, PS&E		\$1,500,000		\$1,500,000	\$0		\$100,000	\$1,400,000		
7 Inglewood	MM5507.06	Downtown ITS	PAED, PS&E, Construction		\$11,100,000		\$11,100,000	\$0	\$800,000	\$10,300,000			
8 Inglewood	MM5507.11	Crenshaw Blvd ITS Project	Construction		\$8,800,000		\$8,800,000	\$0		\$2,000,000	\$6,800,000		
9 LA County	MM5507.07	Avalon Blvd TSSP in the City of Carson	PAED, PS&E, Construction		\$1,530,000	\$1,071,223	\$2,601,223	\$830,000	\$700,000	\$214,245	\$685,583	\$171,395	
10 Manhattan Beach	MM5507.12	Manhattan Beach Boulevard at Pacific Avenue Improvements	PS&E, Construction		\$1,200,000		\$1,200,000	\$0	\$160,000	\$720,000	\$320,000		
11 Manhattan Beach	MM5507.13	Manhattan Beach Boulevard at Peck Avenue Traffic Signal Improvements (\$100,000 also via MR312.87)	Construction		\$740,000		\$740,000	\$0	\$740,000				
12 Manhattan Beach	MM5507.14	Manhattan Beach Boulevard Transportation Corridor Improvement	PS&E		\$400,000		\$400,000	\$0	\$150,000	\$250,000			
13 Metro	MM5507.08	I-110 Southbound Off-Ramp to PCH	PAED, PS&E		\$5,781,000		\$5,781,000	\$3,450,000	\$800,000	\$1,531,000			
14 Metro	MM5507.09	I-405/I-110 Separation	PAED, PS&E		\$17,500,000		\$17,500,000	\$6,000,000	\$6,500,000	\$5,000,000			
15 Torrance	MM5507.15	Right Turn Lane at Lomita Blvd/182nd St	PAED, PS&E, Construction		\$1,000,000		\$1,000,000	\$0	\$75,000	\$200,000	\$480,000	\$245,000	
HOIP TOTAL PROGRAMMING AMOUNT					\$70,065,999	\$6,746,223	\$76,812,222	\$12,800,000	\$18,520,078	\$32,077,259	\$12,998,490	\$416,395	\$0

South Bay Multi-Year Subregional Plan - Transportation System & Mobility Improvements Program 2 (Expenditure Line 66)													
Lead Agency	Project No.	Project Description	Funding Phases	Notes	Prior Allocation	Recommended Alloc Change	Recommended Current Allocation	Prior Year Program	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27
SBCCOG	MM5502.01	MSP Administration	Administration		\$514,854		\$514,854	\$514,854					
SBCCOG	MM5502.02	Planning Activities for Local Travel Network	Planning		\$158,758		\$158,758						
1 Beach Cities Health District	MM4602.01	Diamond St to Flagler Ln Bicycle Lane	PS&E, Construction		\$1,833,877		\$1,833,877	\$1,833,877					
2 El Segundo	MM4602.02	El Segundo Blvd Improvements	PAED, PS&E, Construction		\$4,050,000		\$4,050,000	\$4,050,000					
3 Hawthorne	MM4603.03	Hawthorne Moneta Garden Mobility Improvements	PS&E, ROW, Construction		\$3,320,000		\$3,320,000	\$50,000	\$150,000	\$349,400	\$2,770,600		
4 Hawthorne	MM5508.07	Rosecrans Ave Mobility Improvement Project, Phase 2 from Prairie Ave to Crenshaw Blvd	PAED, PS&E		\$260,000		\$260,000	\$40,000	\$40,000	\$180,000			
5 Hawthorne	MM5508.08	Crenshaw Blvd Signal Improvement and Intersection Capacity Enhancements	PAED, PS&E		\$260,000		\$260,000	\$40,000	\$40,000	\$180,000			
6 Hermosa Beach	MM5508.09	Pacific Coast Hwy Mobility and Accessibility Improvements Project	PID, PAED		\$1,800,000		\$1,800,000	\$700,000	\$600,000	\$500,000			
7 Inglewood	MM4602.06	First/Last Mile Improvements	PAED, PS&E, Construction		\$6,500,000		\$6,500,000	\$500,000	\$1,500,000	\$4,500,000			
8 Inglewood	MM5508.10	Changeable Message Signs	PAED, PS&E		\$1,000,000		\$1,000,000	\$0		\$100,000	\$900,000		
9 LA City	MM4602.04	Crossing Upgrades and Pedestrian Improvements	PAED, PS&E, Construction		\$3,260,625		\$3,260,625	\$1,960,895	\$1,299,730				
10 LA City	MM5508.01	Signal Operational Improvements	PAED, PS&E, Construction		\$2,500,000		\$2,500,000	\$560,000	\$1,940,000				
11 LA City	MM5508.02	ATSAC Communication System Improvement in San Pedro	PS&E, Construction		\$2,500,000		\$2,500,000	\$2,500,000					
12 LA City	MM5508.03	ATSAC Communications Network Integration with LA County	PAED, PS&E, Construction		\$2,000,000		\$2,000,000	\$600,000	\$1,400,000				
13 LA City	MM5508.14	Alameda St (South) Widening from Anaheim St to Harry Bridges Blvd (MR312.48)	Construction		\$17,518,670		\$17,518,670	\$0	\$3,000,000	\$10,000,000	\$4,518,670		
14 LA County	MM4602.05	Dominguez Channel Greenway	PAED, PS&E, Construction		\$3,600,000		\$3,600,000	\$0	\$408,000	\$259,500	\$1,492,500	\$1,440,000	
15 LA County	MM4602.07	Westmont/West Athens Pedestrian Improvements, Phase 2	PAED, PS&E, Construction		\$1,165,000		\$1,165,000	\$0	\$80,000	\$80,000	\$625,000	\$380,000	
16 Manhattan Beach	MM5508.04	Advanced Traffic Signal System	PS&E, Construction		\$12,750,000	\$4,963,000	\$17,713,000	\$5,440,000	\$5,310,000	\$3,000,000	\$3,963,000		
17 Manhattan Beach	MM5508.15	Aviation Blvd East Bound Left-Turn Improvements	PAED, PS&E, Construction		\$1,200,000		\$1,200,000	\$200,000	\$1,000,000				
18 Palos Verdes Estates	MM5508.11	Palos Verdes Drive West Corridor Expansion Project	PAED, PS&E, Construction		\$5,517,000		\$5,517,000	\$677,000	\$3,000,000	\$1,840,000			
19 Rancho Palos Verdes	MM5508.12	Western Ave Congestion Improvements (25th St to Palos Verdes Dr North)	PSR, PAED		\$1,330,000		\$1,330,000	\$210,000	\$120,000	\$1,000,000			
20 Redondo Beach	MM4602.08	North Redondo Beach Bikeway (NRBB) Extension - Felton Ln to Inglewood Ave	PAED, PS&E, Construction		\$1,000,000		\$1,000,000	\$1,000,000					
21 Redondo Beach	MM4602.09	North Redondo Beach Bikeway (NRBB) Extension - Inglewood Ave	PAED, PS&E, ROW		\$1,735,000		\$1,735,000	\$200,000	\$1,535,000				
22 Redondo Beach	MM5508.05	Redondo Beach Transit Center and Park and Ride	Construction		\$7,250,000	\$500,000	\$7,750,000	\$7,250,000		\$500,000			
23 Redondo Beach	MM5508.13	Traffic Signal Communications and Network System	PAED, PS&E, Construction		\$2,000,000	\$3,000,000	\$5,000,000	\$2,000,000		\$3,000,000			
24 Rolling Hills Estates	MM4602.10	Rolling Hills Road Bike Lanes	PAED, PS&E		\$229,450		\$229,450	\$30,250	\$182,700	\$16,500			
25 Torrance	MM5508.06	Transportation Management System Improvements	PS&E, Construction		\$390,000		\$390,000	\$390,000					
26 Torrance	MM5508.16	Torrance Transit Park & Ride Regional Terminal (MR312.23)	Construction		\$1,631,000		\$1,631,000	\$1,631,000					
27 Torrance	MM5508.17	Crenshaw Blvd Improvements from Del Amo to Dominguez St (MR312.60)	Construction		\$609,000		\$609,000	\$609,000					
TSMIP 2 TOTAL PROGRAMMING AMOUNT					\$87,209,622		\$95,672,622	\$32,472,022	\$21,605,430	\$25,505,400	\$14,269,770	\$1,820,000	\$0
TOTAL MSPs PROGRAMMING AMOUNT					\$253,284,867	\$6,746,223	\$268,494,090	\$89,193,476	\$48,779,850	\$79,748,672	\$40,717,906	\$10,054,186	\$0

*Additional allocation was previously approved by SBCCOG, but was beyond Metro's programming window.