



**Board Report**

**File #:** 2024-0506, **File Type:** Program

**Agenda Number:** 5.

**PLANNING AND PROGRAMMING COMMITTEE  
SEPTEMBER 18, 2024**

**SUBJECT: MEASURE M MULTI-YEAR SUBREGIONAL PROGRAM AND MEASURE R  
TRANSIT INVESTMENTS PROGRAM UPDATE - SOUTH BAY SUBREGION**

**ACTION: APPROVE RECOMMENDATION**

**RECOMMENDATION**

CONSIDER:

A. APPROVING:

1. Programming of an additional \$11,164,810 within the capacity of Measure M Multi-Year Subregional Program (MSP) - Transportation System and Mobility Improvements Program (Expenditure Line 50), as shown in Attachment A;
2. Programming of an additional \$11,586,591 within the capacity of Measure M MSP - South Bay Highway Operational Improvements Program (Expenditure Line 63), as shown in Attachment B;
3. Programming of an additional \$600,000 within the capacity of Measure M MSP - Transportation System and Mobility Improvements Program (Expenditure Line 66), as shown in Attachment C;
4. Programming of an additional \$16,300,000 within the capacity of Measure R South Bay Transit Investments Program, shown in Attachment D; and

B. AUTHORIZING the CEO or their designee to negotiate and execute all necessary agreements and/or amendments for approved projects.

**ISSUE**

Measure M MSPs and Measure R South Bay Transit Investments Programs, whose funds are limited to capital uses, are included in the Measure M and/or Measure R Expenditure Plans. The annual update allows the South Bay subregion and implementing agencies to approve new eligible projects for funding and revise scopes of work, schedules, and project budgets for previously funded projects.

This update includes changes to projects that previously received Board approvals and funding allocations for new projects. Funds are programmed through Fiscal Year (FY) 2027-28. The Board's approval is required to program additional funds and acknowledge the updated project lists, which will serve as the basis for Metro to enter into funding agreements and/or amendments with the respective implementing agencies.

## **BACKGROUND**

In September 2019, the Metro Board of Directors approved South Bay Subregion's first MSP Five-Year Plan (Plan) and programmed funds in 1) Transportation System and Mobility Improvements Program (expenditure line 50); 2) South Bay Highway Operational Improvements (expenditure line 63); and 3) Transportation System and Mobility Improvements Program (expenditure line 66). Since the first Plan, staff provided annual updates to the Board in August 2020, September 2021, 2022, and 2023.

Based on the amount provided in the Measure M Expenditure Plan, \$465.9 million was forecasted for programming for Fiscal Years (FY) 2017-18 to FY 2027-28. In prior actions, the Board approved programming of \$295.1 million. Therefore, \$170.8 million of Measure M MSP funds is available to the Subregion for programming as part of this update.

In July 2021, the Metro Board of Directors approved the Measure R Ordinance Amendment that authorized the transfer of up to \$400 million from the Measure R Highway Capital Subfund to eligible Transit Capital projects. The South Bay Transit Investments Program was added to the Measure R Expenditure Plan, and the Measure R Transit Investments Program Guidelines were also approved. In September 2021, the Metro Board of Directors approved the project list and programmed funds for ten projects. Since the first Plan, staff provided annual updates to the Board in September 2022 and 2023. In prior actions, the Board approved programming of \$350.9 million. Therefore, \$49.1 million of Measure R is available to the Subregion for programming as part of this update.

## **DISCUSSION**

Metro staff worked closely with the SBCCOG and the implementing agencies on project eligibility reviews preparing for the annual update, including changes to the scope of work and/or funding requests. The jurisdictional requests are proposed by the cities and approved/forwarded by the subregion. In line with the Metro Board adopted guidelines and June 2022 Objectives for Multimodal Highway Investments, cities provide documentation demonstrating community support, project need, and multimodal transportation benefits that enhance safety, support traffic mobility, economic vitality, and enable a safer and well-maintained transportation system. Cities lead and prioritize all proposed transportation improvements, including procurement, the environmental process, outreach, final design, and construction. Each city and/or agency, independently and in coordination with the subregion undertakes their jurisdictionally determined community engagement process specific to the type of transportation improvement they seek to develop. These locally determined and prioritized projects represent the needs of cities.

During staff review, Metro required a detailed project scope of work to confirm project eligibility, reconfirm funding eligibility for those that request changes in the project scope of work, and establish

the program nexus during project reviews, i.e. project location information and limits, length, elements, phases, total estimated expenses and funding request, schedules, etc. Final approval of funds for the projects shall be contingent upon the implementing agency demonstrating the eligibility of each project, as required in the Measure M Master Guidelines and/or the Measure R Transit Investments Program Guidelines. Staff expect the collection of the project details in advance of Metro Board action to enable the timely execution of project Funding Agreements for approved projects. Additionally, all projects are subject to a close-out audit after completion, per the Guidelines.

The changes in this annual update include additional programming of Measure M MSP in the Transportation System & Mobility Improvement Program (Attachment A), South Bay Highway Operational Improvements Program (Attachment B), Transportation System & Mobility Improvement Program (Attachment C), and Measure R Transit Investments Program (Attachment D).

#### Transportation System and Mobility Improvements Program (Expenditure Line 50)

This update includes funding adjustments to two existing and two new projects as follows:

##### *Carson*

- Program \$4,512,915 in FYs 25 & 26 for MM4601.17 - South Bay Local Travel Network (LTN) in Carson. The project includes deploying 32.1 LTN route miles as a Class III shared lane (sharrow) network and branded wayfinding system on low-speed neighborhood streets to connect individuals with key destinations. The funds will be used for the project's Plans Specification and Estimates (PS&E) and construction phases.

##### *LA City*

- Reprogram previously approved \$10,207,400 as follows: \$2,670,000 in FY 25, \$3,544,000 in FY 26, and \$3,993,400 in FY 26 for MM4601.03 - Avalon Promenade and Gateway. The project will construct a dedicated pedestrian/cycling bridge over the active freight railroad tracks and approximately 12 acres of public open space adjacent to the pedestrian bridge. The funds will be used for the project's construction phase.

##### *Lomita*

- Program \$6,651,895 in FYs 25 & 26 for MM4601.18 - South Bay Local Travel Network (LTN) & Related Safety Enhancements in Lomita. The project includes deploying 5.35 LTN route miles as a Class III shared lane (sharrow) network and branded wayfinding system on low-speed neighborhood streets to connect individuals with key destinations. Additionally, it includes construction and installation of additional street calming facilities on Eshelman as LTN safety enhancements. The funds will be used for the project's PS&E and construction phases.

##### *Redondo Beach*

- Reprogram previously approved \$1,272,700 to FY 25 for MM4601.16 - South Bay Local Travel

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Network in Redondo Beach. This project will implement a Class III shared lane (sharrow) network and branded wayfinding system on low-speed neighborhood streets to connect individuals with key destinations. The funds will be used for the project's PS&E and construction phases.

South Bay Highway Operational Improvements Program (Expenditure Line 63)

This update includes funding adjustments to five existing projects as follows:

*Hawthorne*

- Program additional \$986,591 in FY 25 for MM5507.01 - North East Hawthorne Mobility Improvement Project. The project includes the installation of flashing beacons for pedestrian safety, new traffic signal installation, and construction of new ADA ramps. The funds will be used for the project's PS&E, Right-of-Way (ROW), and construction phases.

*Inglewood*

- Program additional \$1,900,000 in FY 25 for MM5507.06 - Downtown ITS Project. The project is to connect corridors in the downtown area to the City's Traffic Management Center, which allows the City to monitor real-time traffic conditions and take proper action when congestion or problems occur. The funds will be used for the project's Project Approval/Environmental Document (PAED), PS&E, and construction phases.
- Program additional \$5,200,000 in FY 25 for MM5507.11 - Crenshaw Blvd. ITS Project. The project will upgrade the Crenshaw Boulevard traffic signal systems to be fully integrated and compatible with the City's Intelligent Transportation System network. This will allow the City to actively monitor the traffic conditions in real time and for the City to make real-time adjustments to improve traffic flow. The funds will be used for the project's construction phase.

*LA County*

- Program additional \$3,000,000 in FY 26 for MM5507.07 - Avalon Blvd. TSSP in the City of Carson Project. The project will construct the traffic signal synchronization improvements on Avalon Boulevard by upgrading the traffic signals, providing additional vehicle detection to enable operation as a full traffic-actuated signal, and installing the appropriate components to enable each signal to be capable of timed-based coordination. The funds will be used for the project's PAED, PS&E, and construction phases.

*Redondo Beach*

- Program additional \$500,000 in FY 25 for MM5507.22 - Traffic Signal Communications and Network System Phase 2 Project. The project will construct the advanced traffic signal network/communications system, to upgrade in-field traffic signal equipment to help monitor and modify traffic signal operations to streamline mobility and ultimately, enhance traffic safety

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throughout the city. The funds will be used for the project's PAED and PS&E phases.

Transportation System and Mobility Improvements Program (Expenditure Line 66)

This update includes funding adjustments to one existing project as follows:

*Redondo Beach*

- Program additional 600,000 in FY 25 for MM4602.08 - North Redondo Beach Bikeway (NRBB) Extension - Felton Ln. to Inglewood Ave. This project extends the existing North Redondo Beach Bikeway from Felton Lane to Inglewood Avenue. The funds will be used for the project's PAED, PS&E, and construction phases.

Measure R Transit Investments Program

This update includes funding adjustments to two existing projects as follows:

*Gardena*

- Reprogram previously approved \$12,375,000 as follows: \$8,375,000 in FY 26, and \$4,000,000 in FY 27 for MR524.03 - GTrans: Purchase of Up to 15 Expansion Buses. The project enables the agency to purchase up to 15 expansion buses for use in the deployment of additional services within the GTrans service area, over 10 years. The funds will be used for the projects' construction capital phase.

*Inglewood*

- Program additional \$16,300,000 in FY 25 for MRINGITC - Inglewood Transit Connector Project. The project is to complete a critical first/last mile gap between the countywide Metro Rail system and the City of Inglewood's new housing and employment centers, and sports and entertainment venues. The funds will be used for the project's PAED, PS&E, ROW, and construction phases.

**DETERMINATION OF SAFETY IMPACT**

Programming of Measure M MSP and Measure R Transit Investments funds to the South Bay Subregion projects will not have any adverse safety impacts on Metro's employees or patrons.

**FINANCIAL IMPACT**

In FY 25, \$179.5 million is budgeted in Cost Center 0441 (subsidies budget - Planning) for South Bay Transit Investment Program (Project #465524), \$1.5 million is budgeted in Cost Center 0442 (Highway Subsidies) for the Transportation System Mobility Improvement Program (Project #475502), \$500,000 is budgeted in Cost Center 0442 (Highway Subsidies) for the South Bay Highway Operational Improvements Program (Project #475507), and \$4 million is budgeted in Cost Center 0442 (Highway Subsidies) for the Transportation System Mobility Improvement Program

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(Project #475508). Upon approval of this action, staff will reallocate necessary funds to appropriate projects within Cost Centers 0441 and 0442. Since these are multi-year projects, Cost Centers 0441 and 0442 will be responsible for budgeting the cost in future years.

### Impact to Budget

The sources of funds for these projects are Measure M Highway Construction 17% and Measure R Transit Capital. These fund sources are not eligible for Metro bus and rail operations expenses.

### EQUITY PLATFORM

The South Bay subregion comprises 15 cities and the adjacent unincorporated area of Los Angeles County. Equity Focus Communities (EFCs) within the subregion are concentrated in Gardena, Hawthorne, Inglewood, the City of Los Angeles, and the unincorporated County of Los Angeles. Eighteen percent of census tracts are defined as EFC in the Subregion.

The SBCCOG projects have a range of potential equity benefits. The Hawthorne project, for example, will help the many pedestrians, cyclists, and people with disabilities traversing the corridor connect to destinations and opportunities more safely. The traffic calming features will increase safer, more equitable streets for non-drivers. As another example, the City of LA project, located in an EFC area in Wilmington, will construct a dedicated pedestrian/cycling bridge over active freight railroad tracks, and the future realigned Water Street. The bridge will include walking/cycling paths, benches, lighting, shade trees, bike racks, and other features to provide a safe path for non-drivers.

### IMPLEMENTATION OF STRATEGIC PLAN GOALS

The recommendation supports the following goals of the Metro Vision 2028 Strategic Plan:

Goal 1: Provide high-quality mobility options that enable people to spend less time traveling by alleviating the current operational deficiencies and improving mobility along the projects.

Goal 4: Transform LA County through regional collaboration by partnering with the Council of Governments and the local jurisdictions to identify the needed improvements and take the lead in development and implementation of their projects.

### ALTERNATIVES CONSIDERED

The Board could elect not to approve the additional programming of funds for the Measure M MSP and Measure R Transit Investments Program projects for the South Bay Subregion. This is not recommended as the Subregion developed the proposed projects in accordance with the Measure M Ordinance, Guidelines, and Administrative Procedures, as well as the Measure R Transit Investments Program Guidelines.

### NEXT STEPS

Metro staff will continue to work with the Subregion to identify and deliver projects. Funding

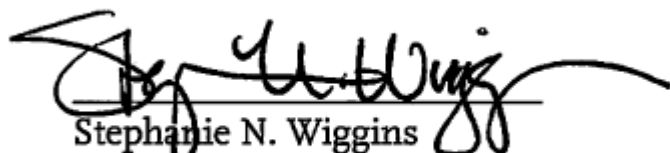
Agreements will be executed with those who have funds programmed in FY 2024-25.  
Program/Project updates will be provided to the Board annually.

### **ATTACHMENTS**

- Attachment A - Transportation System and Mobility Improvements Program (expenditure line 50)  
Project List
- Attachment B - South Bay Highway Operational Improvements Program (expenditure line 63) Project  
List
- Attachment C - Transportation System and Mobility Improvements Program (expenditure line 66)  
Project List
- Attachment D - Measure R South Bay Transit Investments Program Project List

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Chief Executive Officer

South Bay Subregion  
 Measure M Multi-Year Subregional Plan - Transportation System & Mobility Improvements Program (Expenditure Line 50)

	Agency	Project ID No.	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
1	CARSON	MM4601.09	BIKE LANE INSTALLATION - CARSON ST., FIGUEROA ST., MAIN ST., VICTORIA ST.	CONSTRUCTION		\$ 5,256,700		\$ 5,256,700	\$ -	\$ 1,056,700	\$ 3,000,000	\$ 1,200,000	\$ -	\$ -
2	CARSON	MM4601.10	BIKE LANE INSTALLATION - 223RD ST., AVALON BLVD., CENTRAL AVE., DEL AMO BLVD., UNIVERSITY DR.	CONSTRUCTION		5,384,400		5,384,400	-	884,400	3,500,000	1,000,000		
3	CARSON	MM4601.17	SOUTH BAY LOCAL TRAVEL NETWORK IN CARSON	PS&E, CONSTRUCTION	New	-	4,512,915	4,512,915			450,000	4,062,915		
4	EL SEGUNDO	MM4601.11	SOUTH BAY LOCAL TRAVEL NETWORK IN EL SEGUNDO	PS&E, CONSTRUCTION		925,000		925,000	-	925,000				
5	INGLEWOOD	MM5502.02	ITS (GAP) CLOSURE IMPROVEMENTS	CONSTRUCTION	Compl	13,500,000		13,500,000	13,500,000					
6	INGLEWOOD	MM5502.03	INGLEWOOD INTERMODAL TRANSIT/PARK AND RIDE FACILITY	PAED, PS&E, CONSTRUCTION		4,933,310		4,933,310	4,933,310					
7	INGLEWOOD	MM5502.09	PRAIRIE AVE. DYNAMIC LANE CONTROL SYSTEM	PS&E, CONSTRUCTION		13,120,000		13,120,000	-				13,120,000	
8	LA CITY	MM4601.01	SAN PEDRO PEDESTRAIN IMPROVEMENTS	PAED, PS&E, CONSTRUCTION		7,245,710		7,245,710	1,207,619	3,372,445	2,665,646			
9	LA CITY	MM4601.02	WILMINGTON NEIGHBORHOOD STREET IMPROVEMENTS	PAED, PS&E, CONSTRUCTION		3,000,600		3,000,600	3,000,600					
10	LA CITY	MM4601.03	AVALON PROMENADE AND GATEWAY	CONSTRUCTION	Chg	10,207,400		10,207,400	-		2,670,000	3,544,000	3,993,400	
11	LA COUNTY	MM4601.04	WESTMONT/WEST ATJENS PEDESTRIAN IMRROVEMENTS	PAED, PS&E, CONSTRUCTION		6,682,000		6,682,000	1,248,400	831,809	3,660,000	941,791		
12	LA COUNTY	MM4601.06	EL CAMINO VILLAGE TRAFFIC AND PEDESTRIAN SAFETY ENHANCEMENTS	PAED, PS&E		1,038,000		1,038,000	114,000	264,000	264,000	396,000		
13	LA COUNTY	MM4601.12	LENNOX VISION ZERO TRAFFIC ENHANCEMENTS	PAED, PS&E		1,206,000		1,206,000	-	179,000	300,000	300,000	427,000	
14	LA COUNTY	MM5502.04	182ND ST/ ALBERTONI ST. TRAFFIC SIGNAL SYNCH PROGRAM	PAED, PS&E, CONSTRUCTION		4,228,500		4,228,500	200,000	370,000	380,000	3,278,500		
15	LA COUNTY	MM5502.06	VAN NESS TRAFFIC SIGNAL SYCH PROGRAM	PAED, PS&E, CONSTRUCTION		1,702,000		1,702,000	80,000	135,000	320,000	1,167,000		
16	LA COUNTY	MM5502.07	DEL AMO BLVD. (EAST) TRAFFIC SIGNAL SYCH PROGRAM	PAED, PS&E, CONSTRUCTION		1,324,500		1,324,500	70,000	110,000	280,000	864,500		
17	LOMITA	MM4601.18	SOUTH BAY LOCAL TRAVEL NETWORK & RELATED SAFETY ENHANCEMENTS IN LOMITA	PS&E, CONSTRUCTION	New	-	6,651,895	6,651,895			709,390	5,942,505		



	Agency	Project ID No.	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
18	MANHATTAN BEACH	MM4601.13	HIGHLAND AVE CORRIDOR IMPROVEMENTS	PAED, PS&E		500,000		500,000	-	50,000	450,000			
19	REDONDO BEACH	MM4601.14	PEDESTRIAN ENHANCEMENTS ON AVIATION BLVD.	PS&E, CONSTRUCTION		1,500,000		1,500,000	-		125,000	687,500	687,500	
20	REDONDO BEACH	MM4601.15	RIVIERA VILLAGE PEDESTRIAN AND MULTI-MODAL ENHANCEMENTS	PAED, PS&E		4,000,000		4,000,000	-		1,500,000	2,000,000	500,000	
21	REDONDO BEACH	MM4601.16	SOUTH BAY LOCAL TRAVEL NETWORK IN REDONDO BEACH	PS&E, CONSTRUCTION	Chg	1,272,700		1,272,700	-		1,272,700			
22	ROLLING HILLS ESTATES	MM5502.08	PALOS VERDES DRIVE NORTH AT DAPPLEYGRAY SCHOOL	PAED, PS&E, ROW, CONSTRUCTION		2,880,252		2,880,252	1,696,102	1,184,150				
23	SBCCOG	MM5502.01	PLANNING ACTIVITIES FOR MEASURE M MULTI-YEAR SUBREGIONAL PROGRAMS ^	PLANNING DEVELOPMENT		92,095		92,095	92,095					
24	SBCCOG	MM5502.05	SOUTH BAY FIBER NETWORK	CONSTRUCTION		6,889,365		6,889,365	6,889,365					
25	SBCCOG	MM5502.10	PLANNING ACTIVITIES FOR THE SOUTH BAY LOCAL TRAVEL NETWORK ^	PLANNING DEVELOPMENT		171,991		171,991	81,843	90,148				
26	TORRANCE	MM4601.05	TORRANCE SCHOOLS SAFETY AND ACCESSIBILITY PROGRAM	PS&E CONSTRUCTION		7,185,000		7,185,000	232,045	4,704,200	2,248,755			
27	TORRANCE	MM4601.07	TRANSPORTATION OPEN SPACE CORRIDOR MULTI-USE TRAIL	PAED, PS&E		650,000		650,000	650,000					
28	TORRANCE	MM4601.08	TORRANCE SCHOOL SAFETY AND ACCESSIBILITY PROGRAM - PHASE II	PS&E, CONSTRUCTION		10,372,609		10,372,609	768,600	9,604,009				
29	TORRANCE	MM5502.11	TORRANCE FIBER NETWORK AND TRAFFIC SIGNAL OPTIMIZATION	PS&E		1,050,000		1,050,000	70,000	980,000				
<b>TOTAL PROGRAMMING AMOUNT</b>						<b>\$ 116,318,132</b>	<b>\$ 11,164,810</b>	<b>\$ 127,482,942</b>	<b>\$34,833,979</b>	<b>\$24,740,861</b>	<b>\$23,795,491</b>	<b>\$25,384,711</b>	<b>\$18,727,900</b>	<b>\$ -</b>

^ Subregion Planning Activities (0.5%) for MM MSPs.

South Bay Subregion  
 Measure M Multi-Year Subregional Plan - South Bay Highway Operational Improvements (Expenditure Line 63)

	Agency	Project ID	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
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	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	2,000	130,000	218,000			
4	GARDENA	MM5507.04	REDONDO BEACH BLVD. ARTERIAL IMPROVEMENTS	PAED, PS&E, CONSTRUCTION		11,242,000		11,242,000	2,940,000	5,802,000	2,500,000			
5	HAWTHORNE	MM5507.01	NORTH EAST HAWTHORNE MOBILITY IMPROVEMENT PROJECT	PS&E, ROW, CONSTRUCTION	Chg	2,000,000	986,591	2,986,591	2,000,000		986,591			
6	HAWTHORNE	MM5507.16	JACK NORTHROP IMPROVEMENTS	PAED, PS&E		200,000		200,000	-	40,000	40,000	40,000	80,000	
7	HAWTHORNE	MM5507.17	VAN NESS IMPROVEMENTS	PAED, PS&E		200,000		200,000	-	40,000	40,000	40,000	80,000	
8	HAWTHORNE	MM5507.18	135TH STREET IMPROVEMENTS	PAED, PS&E		160,000		160,000	-	40,000	40,000	40,000	40,000	
9	HAWTHORNE	MM5507.19	INGLEWOOD AVENUE IMPROVEMENTS	PAED, PS&E		130,000		130,000	-	40,000	40,000	40,000	10,000	
10	INGLEWOOD	MM5507.05	MANCHESTER BLVD./PRAIRIE AVE. ITS & TRAFFIC SIGNAL IMPROVEMENTS	PAED, PS&E		1,500,000		1,500,000	-		1,500,000			
11	INGLEWOOD	MM5507.06	DOWNTOWN ITS	PAED, PS&E, CONSTRUCTION	Chg	11,100,000	1,900,000	13,000,000	800,000	10,300,000	1,900,000			
12	INGLEWOOD	MM5507.11	CRENSHAW BLVD. ITS	CONSTRUCTION	Chg	8,800,000	5,200,000	14,000,000	-	2,000,000	12,000,000			
13	LA COUNTY	MM5507.07	AVALON BLVD. TSSP IN THE CITY OF CARSON	PAED, PS&E, CONSTRUCTION	Chg	2,601,223	3,000,000	5,601,223	1,530,000	214,245	685,583	3,171,395		
14	LA COUNTY	MM5507.20	ADVANCED TRAFFIC CONTROL UPGRADES	PAED, PS&E, CONSTRUCTION		2,130,000		2,130,000	-	1,278,000	852,000			
15	MANHATTAN BEACH	MM5507.12	MANHATTAN BEACH BLVD. AT PACIFIC AVE. IMPROVEMENTS	PS&E, CONSTRUCTION		1,200,000		1,200,000	160,000	720,000	320,000			
16	MANHATTAN BEACH	MM5507.13	MANHATTAN BEACH BLVD. AT PECK AVE. TRAFFIC SIGNAL IMPROVEMENTS (MR312.87)	CONSTRUCTION		740,000		740,000	740,000					

	Agency	Project ID	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
17	MANHATTAN BEACH	MM5507.14	MAHATTAN BEACH BLVD. TRANSPORTATION CORRIDOR IMPROVEMENTS	PS&E		400,000		400,000	150,000	250,000				
18	METRO	MM5507.08	I-110 SOUTHBOUND OFF-RAMP TO PCH	PAED, PS&E		5,781,000		5,781,000	4,250,000	1,531,000				
19	METRO	MM5507.09	405/110 SEPERATION	PAED, PS&E		17,500,000		17,500,000	12,500,000	5,000,000				
20	REDONDO BEACH	MM5507.21	ADVANCED TRAFFIC SIGNAL SYSTEM ON AVIATION BLVD.	PS&E		160,000		160,000	-		80,000	80,000		
21	REDONDO BEACH	MM5507.22	TRAFFIC SIGNAL COMMUNICATIONS AND NETWORK SYSTEM PHASE 2	PAED, PS&E	Chg	2,130,000	500,000	2,630,000	-	1,278,000	1,352,000			
21	SBCCOG	MM5502.01	PLANNING ACTIVITIES FOR MEASURE M MULTI-YEAR SUBREGIONAL PROGRAMS ^	PLANNING DEVELOPMENT		131,564		131,564	131,564					
23	SBCCOG	MM5502.10	PLANNING ACTIVITIES FOR THE SOUTH BAY LOCAL TRAVEL NETWORK ^	PLANNING DEVELOPMENT		245,703		245,703	116,919	128,784				
22	TORRANCE	MM5507.15	RIGHT TURN LANE AT LOMITA BLVD./182ND ST.	PAED, PS&E, CONSTRUCTION		1,000,000		1,000,000	75,000	200,000	480,000	245,000		
<b>TOTAL PROGRAMMING AMOUNT</b>						<b>\$ 82,299,489</b>	<b>\$ 11,586,591</b>	<b>\$ 93,886,080</b>	<b>\$ 31,568,561</b>	<b>\$ 34,822,043</b>	<b>\$ 23,629,081</b>	<b>\$ 3,656,395</b>	<b>\$ 210,000</b>	<b>\$ -</b>

^ Subregion Planning Activities (0.5%) for MM MSPs.

South Bay Subregion  
 Measure M Multi-Year Subregional Plan - Transportation System & Mobility Improvements Program (Expenditure Line 66)

	Agency	Project ID	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
1	CITIES HEALTH DISTRICT	MM4602.01	DIAMOND STREET BIKE PATH PROJECT	PS&E CONSTRUCTION	Compl	\$ 1,734,974	\$ -	\$ 1,734,974	\$ 1,734,974	\$ -	\$ -	\$ -	\$ -	\$ -
2	EL SEGUNDO	MM4602.02	EL SEGUNDO BLVD	PAED, PS&E, CONSTRUCTION		4,050,000		4,050,000	4,050,000					
3	HAWTHORNE	MM4602.03	HAWTHORNE MONETA GARDEN MOBILITY IMPROVEMENTS	PS&E, ROW, CONSTRUCTION		3,320,000		3,320,000	200,000	349,400	2,770,600			
4	HAWTHORNE	MM5508.07	ROSECRANS AVE MOBILITY IMPROVEMENT PROJECT, PHASE II FROM PRAIRIE AVE TO CRENSHAW BLVD	PAED, PS&E		260,000		260,000	80,000	180,000				
5	HAWTHORNE	MM5508.08	CRENSHAW BLVD SIGNAL IMPROVEMENT AND INTERSECTION	PAED, PS&E		260,000		260,000	80,000	180,000				
6	HERMOSA BEACH	MM5508.09	MOBILITY AND ACCESSIBILITY IMPROVEMENTS PROJECT	PID, PAED		1,800,000		1,800,000	1,300,000	500,000				
7	INGLEWOOD	MM4602.06	FIRST/LAST MILE IMPROVEMENTS	PAED, PS&E, CONSTRUCTION		6,500,000		6,500,000	500,000	6,000,000				
8	INGLEWOOD	MM5508.10	CHANGEABLE MESSAGE SIGNS	PAED, PS&E		1,000,000		1,000,000	-		100,000	900,000		
9	LA CITY	MM4602.04	CROSSING UPGRADES AND PEDESTRIAN IMPROVEMENTS	PAED, PS&E, CONSTRUCTION		3,260,625		3,260,625	1,462,979	1,797,646				
10	LA CITY	MM5508.01	SIGNAL OPERATIONAL IMPROVEMENTS	PAED, PS&E, CONSTRUCTION		2,500,000		2,500,000	2,500,000					
11	LA CITY	MM5508.02	ATSAC COMMUNICATION SYSTEM IMPROVEMENT IN SAN PEDRO	PS&E, CONSTRUCTION		2,250,000		2,250,000	-	2,250,000				
12	LA CITY	MM5508.03	ASTAC COMMUNICATIONS NETWORK INTEGRATION WITH LA COUNTY	PAED, PS&E, CONSTRUCTION		1,750,000		1,750,000	-	1,750,000				
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	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	408,000	259,500	1,492,500	1,440,000		
15	LA COUNTY	MM4602.07	WESTMONT/WEST ATHENS PEDESTRIAN IMPROVEMENTS, PHASE II	PAED, PS&E, CONSTRUCTION		1,165,000		1,165,000	80,000	80,000	625,000	380,000		
16	LACMTA	MM5508.18	RIITS NETWORK ENHANCEMENTS	CONSTRUCTION		500,000		500,000	-	500,000				

	Agency	Project ID	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
17	MANHATTAN BEACH	MM5508.04	ADVANCED TRAFFIC SIGNAL SYSTEM	PS&E, CONSTRUCTION		17,713,000		17,713,000	10,750,000	3,000,000	3,963,000			
18	MANHATTAN BEACH	MM5508.15	AVIATION BLVD. EAST BOUND LEFT-TURN IMPROVEMENTS	PAED, PS&E, CONSTRUCTION		1,200,000		1,200,000	1,200,000					
19	PALOS VERDES ESTATES	MM5508.11	PALOS VERDES DRIVE WEST CORRIDOR EXPANSION PROJECT	PAED, PS&E		5,517,000		5,517,000	3,677,000	1,840,000				
20	RANCHO PALOS VERDES	MM5508.12	CONGESTION IMPROVEMENTS (25TH TO PV DR) **	PSR, PAED		1,330,000		1,330,000	330,000	1,000,000				
21	REDONDO BEACH	MM4602.08	NORTH REDONDO BEACH BIKEWAY (NRBB) EXTENSION -- FELTON LN TO INGLEWOOD AVE	PAED, PS&E, CONSTRUCTION	Chg	1,000,000	600,000	1,600,000	1,000,000		600,000			
22	REDONDO BEACH	MM4602.09	BIKEWAY (NRBB) EXTENSION -- INGLWOOD AVE.	PAED, PS&E, ROW		1,735,000		1,735,000	1,735,000					
23	REDONDO BEACH	MM5508.05	REDONDO BEACH TRANSIT CENTER AND PARK AND RIDE	ROW, CONSTRUCTION		7,750,000		7,750,000	7,250,000	500,000				
24	REDONDO BEACH	MM5508.13	TRAFFIC SIGNAL COMMUNICATIONS AND NETWORK SYSTEM	PAED, PS&E, CONSTRUCTION		5,000,000		5,000,000	2,000,000	3,000,000				
25	ROLLING HILLS ESTATES	MM4602.10	ROLLING HILLS ROAD BIKE LANES	PAED, PS&E		229,450		229,450	212,950	16,500				
26	SBCCOG	MM5502.01	PLANNING ACTIVITIES FOR MEASURE M MULTI-YEAR SUBREGIONAL PROGRAMS ^	PLANNING DEVELOPMENT		514,854		514,854	514,854					
27	SBCCOG	MM5502.10	PLANNING ACTIVITIES FOR THE SOUTH BAY LOCAL TRAVEL NETWORK ^	PLANNING DEVELOPMENT		333,626		333,626	158,758	174,868				
28	TORRANCE	MM5508.06	TRANSPORTATION MANAGEMENT SYSTEM IMPROVEMENTS	PS&E, CONSTRUCTION		390,000		390,000	390,000					
29	TORRANCE	MM5508.16	TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL (MR312.23)	CONSTRUCTION		1,631,000		1,631,000	1,631,000					
30	TORRANCE	MM5508.17	IMPROVMENTS FROM DEL AMO TO DOMINGUEZ ST (MR312.60)	CONSTRUCTION		609,000		609,000	609,000					
<b>TOTAL PROGRAMMING AMOUNT</b>						<b>\$ 96,422,199</b>	<b>\$ 600,000</b>	<b>\$ 97,022,199</b>	<b>\$ 46,854,515</b>	<b>\$ 33,377,914</b>	<b>\$ 14,069,770</b>	<b>\$ 2,720,000</b>	<b>\$ -</b>	

\*\* Metro may procure services for the project development phases.

\*\*\* Further design details are subject to Metro approval.

^ Subregion Planning Activities (0.5%) for MM MSPs.

South Bay Subregion  
Measure R South Bay Transit Investments Program

	Agency	Project ID No.	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
1	CARSON	MR524.02	CARSON CIRCUIT: FASHION OUTLET REGIONAL TRANSIT CENTER	PAED, PS&E ROW, CON		\$ 3,525,000		\$ 3,525,000	\$ 1,380,000	\$ 2,145,000						
2	GARDENA	MR524.03	GTRANS: PURCHASE OF UP TO 15 EXPANSION BUSES	Construction Capital	Chg	\$12,375,000		12,375,000					8,375,000	4,000,000		
3	GARDENA	MR524.04	GTRANS: SOLAR ENERGY GENERATION/BUS FUELING INFRASTRUCTURE PROJECT	PS&E CON		\$6,000,000		6,000,000		3,000,000	3,000,000					
4	INGLEWOOD	MRINGITC	INGLEWOOD TRANSIT CONNECTOR PROJECT	PAED, PS&E ROW, CON	Chg	233,700,000	16,300,000	250,000,000	26,575,570	76,863,918	130,260,512	16,300,000				
5	REDONDO BEACH	MR524.05	BEACH CITIES TRANSIT: TRANSIT OPERATIONS & MAINTENANCE FACILITY	Env, PS&E CON		\$32,090,555		32,090,555					5,150,000	8,838,734	17,677,469	424,352
	SBCCOG	MR524.01	TRANSIT INVESTMENTS PROGRAMS ADMIN SUPPORT ^	PLANNING DEVELOPMENT		\$159,024		159,024	40,000	20,000	23,608	24,400	25,132	25,884		
6	TORRANCE	MR524.06	RETURN OF THE RED CAR URBAN CIRCULATOR TROLLEY	Construction Capital		\$4,500,000		4,500,000	2,000,000	2,500,000						
7	TORRANCE	MR524.07	TORRANCE TRANSIT: EXPANSION BUSES	Construction Capital		\$20,000,000		20,000,000	17,100,000	2,900,000						
8	TORRANCE	MR524.08	TORRANCE TRANSIT: REGIONAL TRANSIT CENTER PARKING STRUCTURE	Construction Capital		\$35,000,000		35,000,000	35,000,000							
9	TORRANCE	MR524.09	MICROTRANSIT EXPANSION OF THE TORRANCE COMMUNITY TRANSIT	Construction Capital		\$240,000		240,000	60,000	180,000						
10	TORRANCE	MR524.10	CONSTRUCTION OF HEAVY-DUTY ELECTRIC VEHICLE CHARGING STATION	Construction Capital		\$3,500,000		3,500,000	3,000,000	500,000						
<b>TOTAL PROGRAMMING AMOUNT</b>						<b>\$351,089,579</b>	<b>\$16,300,000</b>	<b>\$367,389,579</b>	<b>\$85,155,570</b>	<b>\$88,108,918</b>	<b>\$133,284,120</b>	<b>\$16,324,400</b>	<b>\$ 13,550,132</b>	<b>\$12,864,618</b>	<b>\$17,677,469</b>	<b>\$ 424,352</b>

^ Subregion Planning Activities (0.5%) for Measure R Transit Investments Program.

The background features a large, stylized graphic of the letters 'M' and 'R' in a light beige color, set against a dark green circular backdrop. This is overlaid on a larger red circular shape that is partially visible on the left and bottom edges of the frame. The overall design is modern and clean.

**Measure M Multi-year Subregional Program  
Measure R Transit Investments Program  
South Bay Subregion**

**Planning and Programming Committee  
September 18, 2024**



# South Bay Subregion

- Three Multi-Year Subregional Programs (MSP)
  - Transportation System & Mobility Improvements (expenditure line 50)
  - Highway Operational Improvements (expenditure line 63)
  - Transportation System & Mobility Improvements (expenditure line 66)
- Measure R Transit Investments
- Limited to Capital projects
  - Environmental Phase and forward

Los Angeles County Transportation Expenditure Plan  
(2015 \$ in thousands)

**ATTACHMENT A**  
Groundbreaking Sequence  
(Exceptions Noted)

For Reference Only	Project (Final Project to be Defined by the Environmental Process)	Notes	Schedule of Funds Available		Subregion*	2016 - 2067 Local, State, Federal, Other Funding 2015\$	Measure M Funding 2015\$	Most Recent Cost Estimate 2015\$**	Modal Code
			Ground-breaking Start Date†	Expected Opening Date (3 year range)					
	<b>Multi-Year Subregional Programs</b>		1 <sup>st</sup> yr of Range						
47	Metro Active Transport, Transit 1st/Last Mile Program	p	FY 2018	FY 2057	sc	\$0	\$857,500	\$857,500	H
48	Visionary Project Seed Funding	p	FY 2018	FY 2057	sc	\$0	\$20,000	\$20,000	T
49	Street Car and Circulator Projects	k,p	FY 2018	FY 2022	sc	\$0	\$35,000	\$35,000	T
50	Transportation System and Mobility Improve. Program		FY 2018	FY 2032	sb	\$0	\$293,500	\$293,500	H
51	Active Transportation 1st/Last Mile Connections Prog.		FY 2018	FY 2057	w	\$0	\$361,000	\$361,000	H
52	Active Transportation Program		FY 2018	FY 2057	nc	\$0	\$264,000	\$264,000	H
53	Active Transportation Program		FY 2018	FY 2057	gc	\$0	TBD	TBD	H
54	Active Transportation Program (Including Greenway Proj.)		FY 2018	FY 2057	sg	\$0	\$231,000	\$231,000	H
55	Active Transportation, 1st/Last Mile, & Mobility Hubs		FY 2018	FY 2057	cc	\$0	\$215,000	\$215,000	H
56	Active Transportation, Transit, and Tech. Program		FY 2018	FY 2032	lvm	\$0	\$32,000	\$32,000	T
57	Highway Efficiency Program		FY 2018	FY 2032	lvm	\$0	\$133,000	\$133,000	H
58	Bus System Improvement Program		FY 2018	FY 2057	sg	\$0	\$55,000	\$55,000	T
59	First/Last Mile and Complete Streets		FY 2018	FY 2057	sg	\$0	\$198,000	\$198,000	H
60	Highway Demand Based Prog. (HOV Ext. & Connect.)		FY 2018	FY 2057	sg	\$0	\$231,000	\$231,000	H
61	I-605 Corridor "Hot Spot" Interchange Improvements @		FY 2018	FY 2057	gc	\$240,000	\$1,000,000	\$1,240,000	H
62	Modal Connectivity and Complete Streets Projects		FY 2018	FY 2057	av	\$0	\$202,000	\$202,000	H
63	South Bay Highway Operational Improvements		FY 2018	FY 2057	av	\$600,000	\$500,000	\$1,100,000	H
64	Transit Programs		FY 2018	FY 2057	nc	\$500,000	\$88,000	\$588,000	T
65	Transit Projects		FY 2018	FY 2057	av	\$0	\$257,100	\$257,100	T
66	Transportation System and Mobility Improve. Program		FY 2018	FY 2057	sb	\$0	\$350,000	\$350,000	H
67	North San Fernando Valley Bus Rapid Transit Improvements	p,s	FY 2019	FY 2023	sc	\$0	\$180,000	\$180,000	T
68	Subregional Equity Program	p,s	FY 2018	FY 2057		TBD	TBD	\$1,196,000	T/H
69	Countywide BRT Projects Ph 1 (All Subregions)	l,p	FY 2020	FY 2022	sc	\$0	\$50,000	\$50,000	T
70	Countywide BRT Projects Ph 2 (All Subregions)	l,p	FY 2030	FY 2032	sc	\$0	\$50,000	\$50,000	T
71	Active Transportation Projects		FY 2033	FY 2057	av	\$0	\$136,500	\$136,500	H
72	Los Angeles Safe Routes to School Initiative		FY 2033	FY 2057	cc	\$0	\$250,000	\$250,000	H
73	Multimodal Connectivity Program		FY 2033	FY 2057	nc	\$0	\$239,000	\$239,000	H
74	Countywide BRT Projects Ph 3 (All Subregions)	l,p	FY 2040	FY 2042	sc	\$0	\$50,000	\$50,000	T
75	Arterial Program		FY 2048	FY 2057	nc	\$0	\$726,130	\$726,130	H
76	BRT and 1st/Last Mile Solutions e.g. DASH		FY 2048	FY 2057	cc	\$0	\$250,000	\$250,000	T
77	Freeway Interchange and Operational Improvements		FY 2048	FY 2057	cc	\$0	\$195,000	\$195,000	H
78	Goods Movement (Improvements & RR Xing Elim.)		FY 2048	FY 2057	sg	\$0	\$33,000	\$33,000	T
79	Goods Movement Program		FY 2048	FY 2057	nc	\$0	\$104,000	\$104,000	T
80	Goods Movement Projects		FY 2048	FY 2057	av	\$0	\$81,700	\$81,700	T
81	Highway Efficiency Program		FY 2048	FY 2057	nc	\$0	\$128,870	\$128,870	H
82	Highway Efficiency Program		FY 2048	FY 2057	sg	\$0	\$534,000	\$534,000	H
83	Highway Efficiency, Noise Mitig. and Arterial Projects		FY 2048	FY 2057	av	\$0	\$602,800	\$602,800	H
84	ITS/Technology Program (Advanced Signal Tech.)		FY 2048	FY 2057	sg	\$0	\$66,000	\$66,000	H
85	LA Streetscape Enhance. & Great Streets Program		FY 2048	FY 2057	cc	\$0	\$450,000	\$450,000	H
86	Modal Connectivity Program		FY 2048	FY 2057	lvm	\$0	\$68,000	\$68,000	H
87	Public Transit State of Good Repair Program		FY 2048	FY 2057	cc	\$0	\$402,000	\$402,000	T
88	Traffic Congestion Relief and Improvement Program		FY 2048	FY 2057	lvm	\$0	\$63,000	\$63,000	H
89	Traffic Congestion Relief/Signal Synchronization		FY 2048	FY 2057	cc	\$0	\$50,000	\$50,000	H
90	Arroyo Verdugo Projects to be Determined		FY 2048	FY 2057	av	\$0	\$110,600	\$110,600	H
91	Countywide BRT Projects Ph 4 (All Subregions)	p	FY 2050	FY 2052	sc	\$90,000	\$10,000	\$100,000	T
92	Countywide BRT Projects Ph 5 (All Subregions)	p	FY 2060	FY 2062	sc	\$0	\$100,000	\$100,000	T
93	Multi-Year Subregional Programs Subtotal					\$1,430,000	\$10,253,700	\$12,879,700	
94	<b>GRAND TOTAL</b>					<b>\$21,011,027</b>	<b>\$31,243,641</b>	<b>\$53,450,669</b>	



# September 2024 Recommendation

## CONSIDER:

### A. APPROVING:

1. Programming of an additional \$11,164,810 within the capacity of Measure M Multi-Year Subregional Program (MSP) – Transportation System and Mobility Improvements Program (Expenditure Line 50), as shown in Attachment A;
2. Programming of an additional \$11,586,591 within the capacity of Measure M MSP – South Bay Highway Operational Improvements Program (Expenditure Line 63), as shown in Attachment B;
3. Programming of an additional \$600,000 within the capacity of Measure M MSP – Transportation System and Mobility Improvements Program (Expenditure Line 66), as shown in Attachment C;
4. Programming of an additional \$16,300,000 within the capacity of Measure R South Bay Transit Investments Program, shown in Attachment D; and

- B. AUTHORIZING the CEO or their designee to negotiate and execute all necessary agreements and/or amendments for approved projects.

# Next Steps

- Execute Funding Agreements with the implementing agencies to initiate projects
- Continue working with the Subregion to identify and deliver projects
- Return to the Board annually for Program/Project updates