

Metro

*Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza
3rd Floor Board Room*



Metro

Agenda - Final

Wednesday, June 19, 2019

11:00 AM

**One Gateway Plaza, Los Angeles, CA 90012,
3rd Floor, Metro Board Room**

Ad Hoc Congestion, Highway and Roads Committee

John Fasana, Chair

Hilda Solis, Vice Chair

Kathryn Barger

Jacquelyn Dupont-Walker

Ara Najarian

John Bulinski, non-voting member

Phillip A. Washington, Chief Executive Officer

METROPOLITAN TRANSPORTATION AUTHORITY BOARD RULES
(ALSO APPLIES TO BOARD COMMITTEES)

PUBLIC INPUT

A member of the public may address the Board on agenda items, before or during the Board or Committee's consideration of the item for one (1) minute per item, or at the discretion of the Chair. A request to address the Board should be submitted in person at the meeting to the Board Secretary. Individuals requesting to speak on more than three (3) agenda items will be allowed to speak up to a maximum of three (3) minutes per meeting. For individuals requiring translation service, time allowed will be doubled.

Notwithstanding the foregoing, and in accordance with the Brown Act, this agenda does not provide an opportunity for members of the public to address the Board on any Consent Calendar agenda item that has already been considered by a Committee, composed exclusively of members of the Board, at a public meeting wherein all interested members of the public were afforded the opportunity to address the Committee on the item, before or during the Committee's consideration of the item, and which has not been substantially changed since the Committee heard the item.

The public may also address the Board on non-agenda items within the subject matter jurisdiction of the Board during the public comment period, which will be held at the beginning and/or end of each meeting. Each person will be allowed to speak for up to three (3) minutes per meeting and may speak no more than once during the Public Comment period. Speakers will be called according to the order in which the speaker request forms are received. Elected officials, not their staff or deputies, may be called out of order and prior to the Board's consideration of the relevant item.

In accordance with State Law (Brown Act), all matters to be acted on by the MTA Board must be posted at least 72 hours prior to the Board meeting. In case of emergency, or when a subject matter arises subsequent to the posting of the agenda, upon making certain findings, the Board may act on an item that is not on the posted agenda.

CONDUCT IN THE BOARD ROOM - The following rules pertain to conduct at Metropolitan Transportation Authority meetings:

REMOVAL FROM THE BOARD ROOM The Chair shall order removed from the Board Room any person who commits the following acts with respect to any meeting of the MTA Board:

- a. Disorderly behavior toward the Board or any member of the staff thereof, tending to interrupt the due and orderly course of said meeting.
- b. A breach of the peace, boisterous conduct or violent disturbance, tending to interrupt the due and orderly course of said meeting.
- c. Disobedience of any lawful order of the Chair, which shall include an order to be seated or to refrain from addressing the Board; and
- d. Any other unlawful interference with the due and orderly course of said meeting.

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DISCLOSURE OF CONTRIBUTIONS

The State Political Reform Act (Government Code Section 84308) requires that a party to a proceeding before an agency involving a license, permit, or other entitlement for use, including all contracts (other than competitively bid, labor, or personal employment contracts), shall disclose on the record of the proceeding any contributions in an amount of more than \$250 made within the preceding 12 months by the party, or his or her agent, to any officer of the agency, additionally PUC Code Sec. 130051.20 requires that no member accept a contribution of over ten dollars (\$10) in value or amount from a construction company, engineering firm, consultant, legal firm, or any company, vendor, or business entity that has contracted with the authority in the preceding four years. Persons required to make this disclosure shall do so by filling out a "Disclosure of Contribution" form which is available at the LACMTA Board and Committee Meetings. Failure to comply with this requirement may result in the assessment of civil or criminal penalties.

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NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA

CALL TO ORDER

ROLL CALL

5. **SUBJECT: ROAD MOVABLE BARRIERS SYSTEM MOTION RESPONSE** [2019-0267](#)

RECOMMENDATION

RECEIVE oral update on Road Movable Barriers System Motion.

Attachments: [Presentation](#)

6. **SUBJECT: MEASURE R HIGHWAY SUBREGIONAL PROGRAM SEMI-ANNUAL UPDATE** [2019-0070](#)

RECOMMENDATION

CONSIDER:

- A. APPROVING \$8,384,000 dollars of additional programming within the capacity of the Measure R Highway Subregional Programs and funding changes via the updated project list as shown in Attachment A for:
- Highway Operational Improvements in Arroyo Verdugo
 - Highway Operational Improvement in Las Virgenes Malibu
 - I-405, I-110, I-105 and SR-91 Ramp and Interchange Improvements (South Bay)
 - I-605 Corridor "Hot Spots" Interchange Improvements in Gateway Cities
 - I-710 South and/or Early Action Projects in Gateway Cities
- B. DEOBLIGATING \$26,993,000 dollars of previously approved Measure R Highway Subregional Program funds for re-allocation at the request of project sponsors;
- C. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements for the approved projects; and

Attachments: [Attachment A - Projects Receiving Measure R.pdf](#)
[Attachment B - Subregional Performance.pdf](#)

7. SUBJECT: SOUNDWALL PROGRAM FUNDING, PACKAGE 10

[2018-0660](#)

RECOMMENDATION

CONSIDER:

- A. PROGRAMMING an additional \$968,356 for Soundwall Package 10 (Project); and
- B. AUTHORIZING the Chief Executive officer to execute a Funding Agreement with Caltrans to add \$968,356 to Soundwall Package 10 to cover the Supplemental NBSSRs, PS&E and Right of Way expenses for the Project to date.

**8. SUBJECT: PROGRAM FUNDS FOR SOUNDWALL PACKAGES 12, 13
AND 14**

[2019-0244](#)

RECOMMENDATION

APPROVE \$3,000,000 in programming for Phase I, Priority 2, Soundwall Packages 12, 13 and 14 Project Initiation/Project Approval Documents.

SUBJECT: GENERAL PUBLIC COMMENT

[2019-0467](#)

RECEIVE General Public Comment

Consideration of items not on the posted agenda, including: items to be presented and (if requested) referred to staff; items to be placed on the agenda for action at a future meeting of the Committee or Board; and/or items requiring immediate action because of an emergency situation or where the need to take immediate action came to the attention of the Committee subsequent to the posting of the agenda.

COMMENTS FROM THE PUBLIC ON ITEMS OF PUBLIC INTEREST WITHIN COMMITTEE'S
SUBJECT MATTER JURISDICTION

Adjournment



Board Report

File #: 2019-0267, **File Type:** Oral Report / Presentation

Agenda Number: 5.

**AD HOC CONGESTION, HIGHWAY, AND ROADS COMMITTEE
JUNE 19, 2019**

SUBJECT: ROAD MOVABLE BARRIERS SYSTEM MOTION RESPONSE

ACTION: RECEIVE ORAL REPORT

RECOMMENDATION

RECEIVE oral update on Road Movable Barriers System Motion.

METRO BOARD

CALTRANS REPORT

- What additional info is needed to assess more scenarios than the ones presented and the alternatives for a demonstration site.
- Report back in 90 days with results of looking at additional sites including SR-14
- Caltrans to review RMB (Reversible Median Barrier) feasibility on I-10
- Additional information on other active traffic management strategies District 7 has researched and/or is exploring

June 19, 2019



SUMMARY

▶ Movable barrier system update

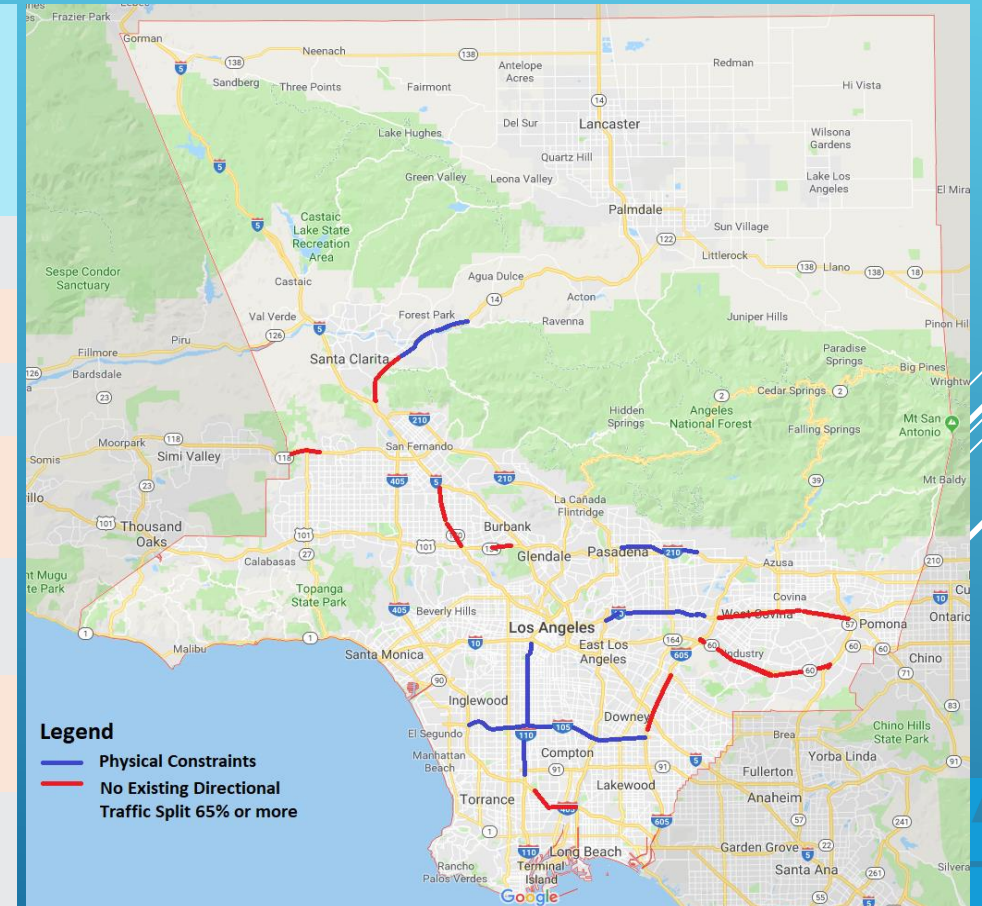
- ▶ Additional Sites Investigated
- ▶ Finding on SR 14 between I-5 and Golden Valley Rd. revisited

▶ Active traffic management strategies in District 7



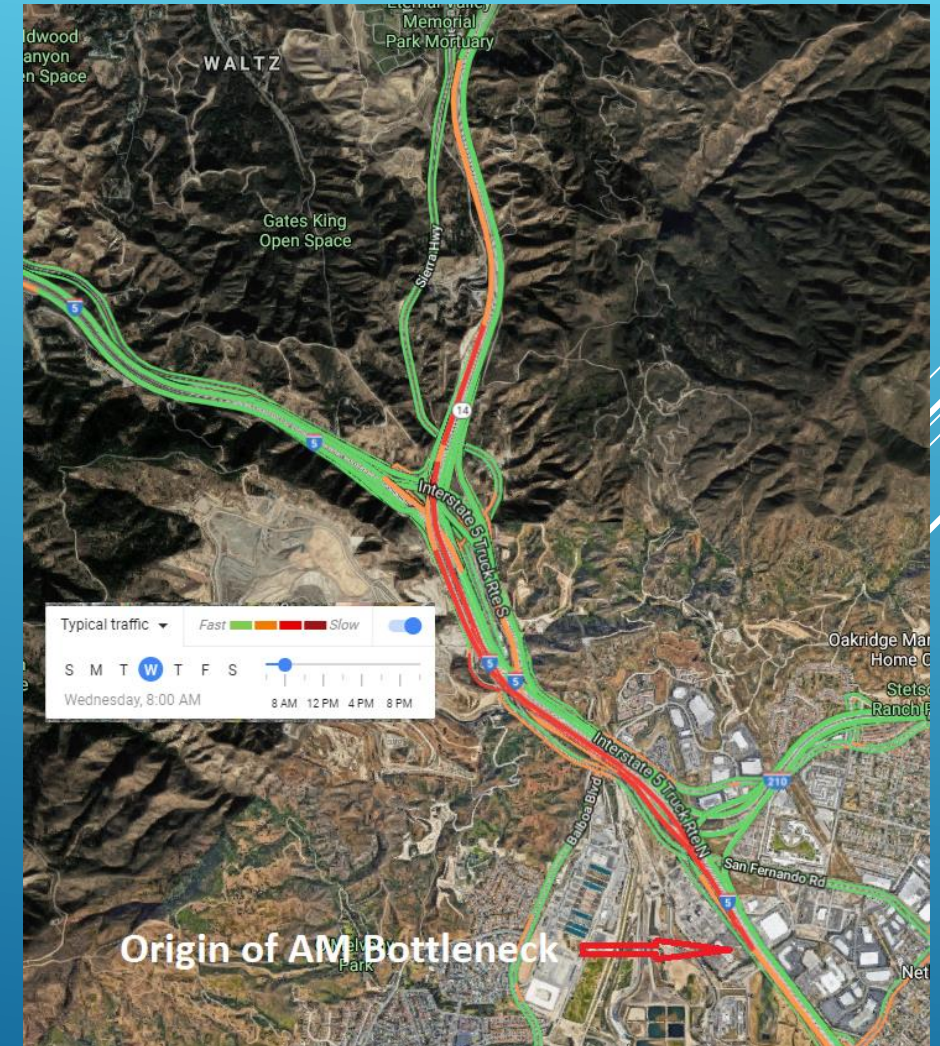
MOVABLE BARRIER SYSTEM: ADDITIONAL SITES INVESTIGATED

Route	From	To	No 65%/35% Volume Split	Physical Constraint
I-10	I-605	SR-57	X	
SR-60	I-605	SR-57	X	
I-105	I-605	I-405		X
SR-118	County Line	De Soto Ave	X	
SR-134	California St	Riverside Dr	X	
SR-170	US-101/SR-134	I-5	X	
I-605	Firestone Blvd	Whittier Blvd	X	



MOVABLE BARRIER SYSTEM: FINDING ON SR 14 BETWEEN I-5 AND GOLDEN VALLEY RD. REVISITED

- ▶ Implementing reversible HOV system might not be a feasible alternative (Actual Bottleneck is on SB R-5)
- ▶ Traffic model study, B/C analysis, and roadway condition evaluation are needed



STRATEGIES TO IMPROVE FLOW ON THE FREEWAY DURING PEAK PERIODS

TRAFFIC CONGESTION CAUSES

RECURRING VS. NON-RECURRING

- **Recurring (60%):** Demand exceeds capacity.
- **Non-recurring (40%):** Event driven (weather, incidents, work zone, special events)

STRATEGIES TO IMPROVE FLOW ON THE FREEWAY DURING PEAK PERIODS

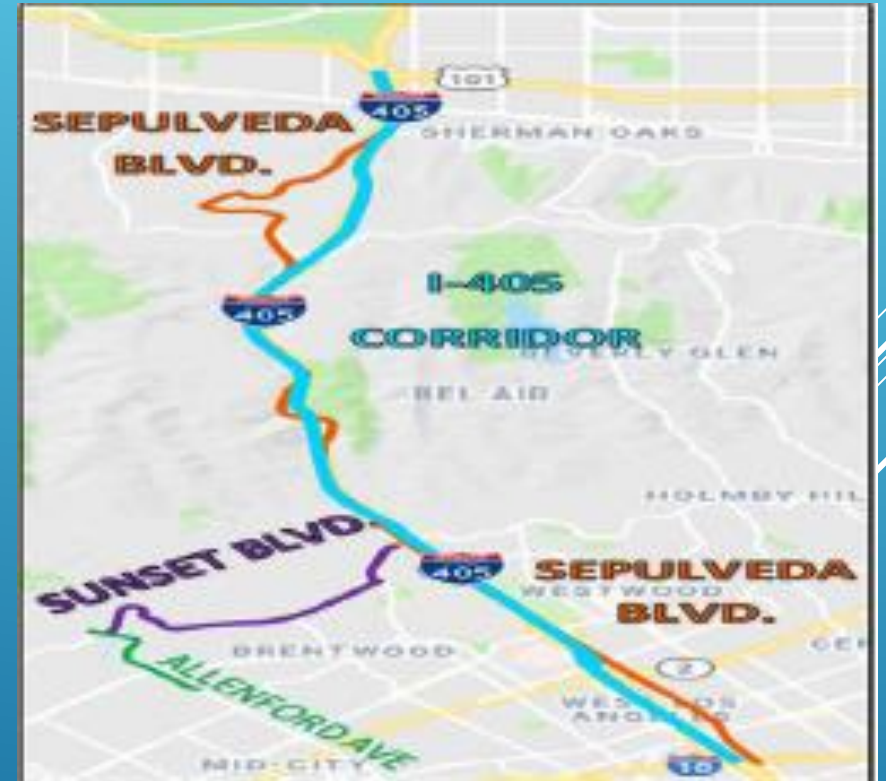
- **Recurring:**
 - **Operational Improvement Strategies (Auxiliary Lane, Pavement Shields, Ramp Metering.)**
 - **Transportation Management Systems elements (Traffic Monitoring, Travel Time, Traffic Signal Synchronization.)**
 - **ITS, Active Traffic Management (Junction Control, Speed Harmonization, Queue Warning, Ramp Meter and Traffic Signal Coordination.)**
 - **Managed Lanes (HOV, Express Lanes, Congestion Pricing.)**

STRATEGIES TO IMPROVE FLOW ON THE FREEWAY DURING PEAK PERIODS

- **Non-recurring:**
 - **Advanced Transportation Management System (LARTMC), 24X7 System Monitoring and Incident/Event management**
 - **Active Traffic Management (Dynamic Lane Management, Queue Detection and Warning Systems, Way Finding Sign Operation)**
 - **Incident Management**
 - **Integrated Corridor Management**

I-405 SEPULVEDA DYNAMIC CORRIDOR RAMP METERING SYSTEM (DCRMS)

- ▶ Initiated by Director Bonin's Office
- ▶ Collaboration between LADOT & CT
- ▶ I-405 Sepulveda Pass Corridor (I-10 to US-101)
- ▶ Coordinate ramp metering operation on I-405 with local arterial traffic signal system to address congestion hot spots.
- ▶ Provide Traveler Corridor Travel Time and congestion information



INTEGRATED CORRIDOR MANAGEMENT

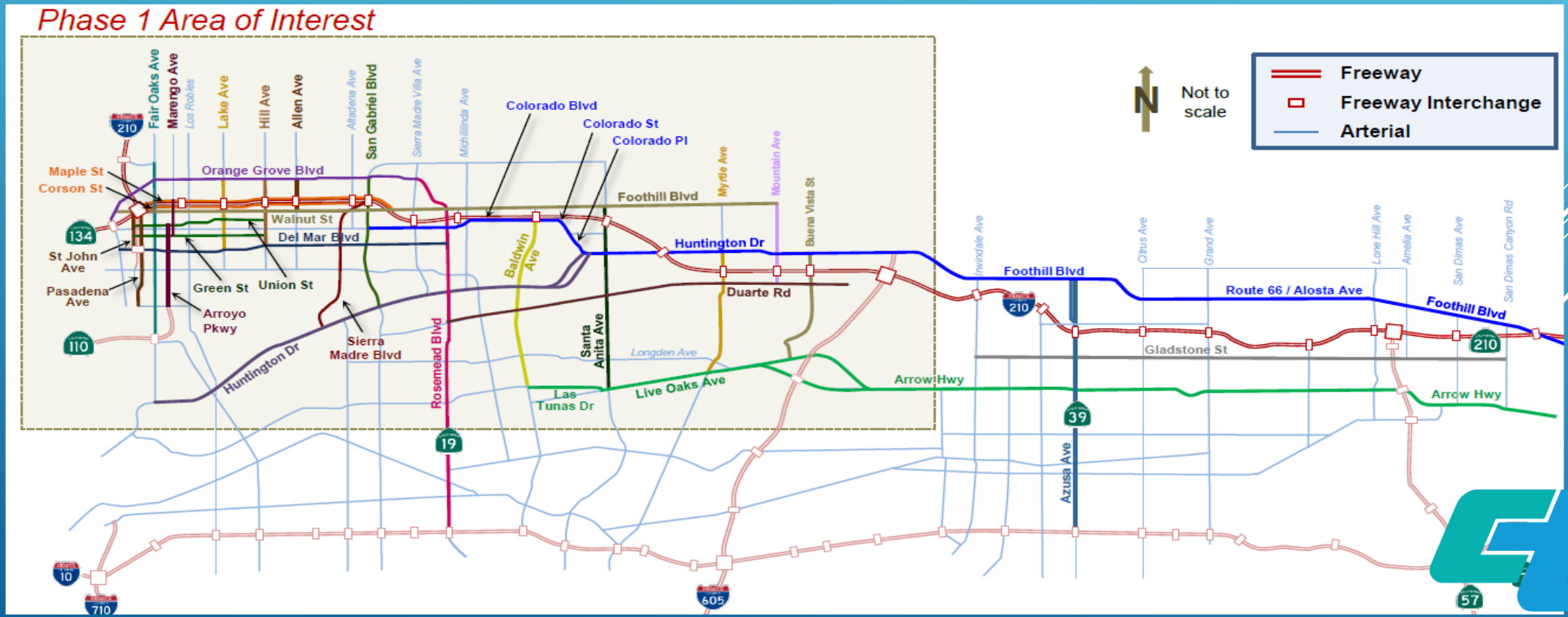
R-210 CONNECTED CORRIDOR PILOT

- ▶ Caltrans partnering with LA Metro, LACDPW,
Cities of Pasadena, Arcadia, Monrovia, and Duarte
- ▶ Manage non-recurring congestion thru coordinated traffic signal operation on pre-planned detour routes.
- ▶ Provide Real-Time Incident Management and Corridor Traffic Diversion information to Foothill and Pasadena Transit



INTEGRATED CORRIDOR MANAGEMENT

R-210 CONNECTED CORRIDOR PILOT





Board Report

File #: 2019-0070, File Type: Program

Agenda Number: 6.

AD HOC CONGESTION, HIGHWAY, AND ROADS COMMITTEE JUNE 19, 2019

SUBJECT: MEASURE R HIGHWAY SUBREGIONAL PROGRAM SEMI-ANNUAL UPDATE

ACTION: APPROVE RECOMMENDATIONS

RECOMMENDATION

CONSIDER:

- A. APPROVING \$8,384,000 dollars of additional programming within the capacity of the Measure R Highway Subregional Programs and funding changes via the updated project list as shown in Attachment A for:
- Highway Operational Improvements in Arroyo Verdugo
 - Highway Operational Improvement in Las Virgenes Malibu
 - I-405, I-110, I-105 and SR-91 Ramp and Interchange Improvements (South Bay)
 - I-605 Corridor “Hot Spots” Interchange Improvements in Gateway Cities
 - I-710 South and/or Early Action Projects in Gateway Cities
- B. DEOBLIGATING \$26,993,000 dollars of previously approved Measure R Highway Subregional Program funds for re-allocation at the request of project sponsors;
- C. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements for the approved projects.

ISSUE

The Measure R Highway Subregional Program update allows the Metro Highway Program and each subregion or lead agency to revise delivery priorities and amend project budgets for the implementation of the Measure R Highway subregional projects. The attached updated project lists include projects which have received prior Board approval, as well as proposed changes related to schedules, scope, funding allocation and the addition or removal of projects. The Board’s approval is required as the updated project lists serve as the basis for Metro to enter into agreements with the respective implementing agencies.

BACKGROUND

Lines 31, 32, 33, 35, 37, 38 of the 2008 Measure R Expenditure Plan addresses Highway Operational Improvement subfunds. The Highway Department in Program Management develops and environmentally clears highway projects with these subfunds and also manages grants to jurisdictions and coordinates with each of the subregions and eligible grant recipients.

To be eligible for funding, project must improve traffic flow in an existing State Highway corridor by reducing congestion and operational deficiencies at spot locations or segments. Updates on progress in development and implementation of the subregional highway programs are presented to the Board twice a year and on as-needed basis.

Performance of completed projects funded by highway subregional funds will be reported to the Board at set milestones.

DISCUSSION

The Measure R Expenditure Plan included the following Highway Capital Project Subfunds:

- Highway Operational Improvements in Arroyo Verdugo
- Highway Operational Improvements in Las Virgenes Malibu
- I-405, I-110, I-105 and SR-91 Ramp and Interchange Imp. (South Bay)
- I-605 Corridor "Hot Spots" Interchange Imp. in Gateway Cities
- I-710 South and/or Early Action Projects in Gateway Cities
- State Route 138 Capacity Enhancements in North County

The Subregional Highway capital projects are not fully defined in the Measure R Expenditure Plan. Eligible projects are identified by project sponsors and validated/approved by Metro highway program staff for funding.

The changes in this update include \$8,384,000 million in additional programming for 12 new and 22 existing, projects in Arroyo Verdugo, Las Virgenes Malibu, Gateway Cities and South Bay subregions - as detailed in Attachment A.

A nexus determination has been completed for each new project. All of the projects on the attached project list provide highway operational benefits and meet the Highway Operational and Ramp/Interchange improvement definition approved by the Board.

Highway Operational Improvements in Arroyo Verdugo

The subregional list has 49 projects to be funded by Measure R Highway Subregional Funds. Of those, 16 projects have been completed. The subregion has invested \$33 million of Measure R subregional highway funds in projects. The 24 active projects are in planning, design, or construction phases. This update includes 1 new projects and funding adjustments to 4 existing projects as follows:

Glendale

- Program an additional \$250,000 in FY19 to MR310.37 - Verdugo Blvd Traffic Signal Mods at Valihi Way and SR-2. The total revised project budget is \$1,100,000. The city advertised the project and bids came in higher than the engineer's estimate. The additional funds will fully fund the construction phase of the project.
- Program an additional \$1,065,000 in FY21 to MR310.43 - Verdugo Rd. Street Improvements Project (Traffic Signal Modification). The total revised project budget is \$1,650,000. The city has updated their engineers estimate based on other recently advertised projects with similar scope. Additional funds are necessary to complete Plans, Specifications, and Estimates (PS&E) and Construction of the project.
- Program an additional \$1,200,000 in FY20 to MR310.49 - Traffic Signal Modification and Upgrades on Honolulu Ave. The total revised project budget is \$3,000,000. The city has updated their engineers estimate based on other recently advertised projects with similar scope. Additional funds are necessary to complete Plans, Specifications, and Estimates (PS&E) and Construction of the project.
- Program an additional \$300,000 in FY20 to MR310.52 - Traffic Signal Improvements at Chevy Chase Dr/California Ave. The total revised project budget is \$2,500,000. The city has updated their engineers estimate based on other recently advertised projects with similar scope. Additional funds are necessary to complete Plans, Specifications, and Estimates (PS&E) and Construction of the project.
- Program \$1,650,000 in FY20 for MR310.54 Traffic Signal Modifications on La Crescenta Ave and San Fernando Rd. The total project budget is \$1,650,000. The funds will be used to complete Plans, Specifications, and Estimates (PS&E) and Construction of the project.

Measure R NEXUS to Highway Operational Definition: This project proposes modifications to the existing signal system which will reduce delays and improve vehicular access to and from the I-5, I-210, SR-2 and SR-134 freeways from La Crescenta Ave and San Fernando Road, both principal arterial roadways. The improvements are eligible under Measure R Highway Operational Improvements.

Highway Operational Improvements in Las Virgenes Malibu Subregion

The subregion had listed 26 projects to be funded by Measure R Highway Subregional Funds. Of those, 11 projects have been completed. The subregion has invested \$110 million of Measure R Subregional highway funds in projects. The 12 active projects are in planning, design, or construction phases. This update includes funding adjustments to 2 projects as follows:

Malibu

- Program an additional \$1,200,000 in FY20 for MR311.24 - Malibu/Civic Center Way Widening. The total revised project budget is \$5,200,000. Updated estimates from the city showed an

increase in construction costs for the project. The city is using deobligated funds from MR311.29 to provide the additional funds necessary to complete construction and project close out.

- Deobligate \$1,200,000 from MR311.29 - PCH Regional Traffic Message System (CMS). Due to a proposed scope change, the project can reduce \$1,200,000 of the estimated project cost. The revised project cost is \$1,300,000. The city desires to reprogram the deobligated funds to MR311.24.

I-405, I-110, I-105 and SR-91 Ramp and Interchange Improvements (South Bay)

The subregion had listed 79 projects to be funded by Measure R Highway Subregional Funds. Of those, 15 projects have been completed. The subregion has invested \$84 million of Measure R Subregional highway funds. The 57 active projects are in planning, design, or construction phases. This update includes 4 new project and funding adjustments to 6 existing projects as follows:

Metro

- Program an additional \$3,300,000 in FY20 for MR312.30 - I-405 Improvements from I-105 to Artesia Blvd. The revised project budget is \$4,181,000. The Project Study Report (PSR) was completed in Oct 2018. The additional funds will be used to start and complete the Project Approval and Environmental Document (PA&ED) phase of the project.
- Program an additional \$3,600,000 in FY20 for MR312.55 - I-405 Improvements from I-110 to Wilmington. These funds will be used to complete the Project Study Report and Project Approval and Environmental Document Phases of the project.
- Deobligate \$170,000 from the PSR Phase of the Western Ave. (SR-213) improvements project from Palos Verdes Drive North to Gardena. This project is no longer being pursued for early development phases. No expenditures were incurred for the project.
- Deobligate \$170,000 from the PSR Phase of the PCH (SR-1) improvement project from the Eastern Boundary of Carson to the Eastern Boundary of Torrance. This project is no longer being pursued for early development phases. No expenditures were incurred for the project.

Caltrans

- Deobligate \$6,980,000 from MR312.24 - I-110 Aux lane from SR-91 to Torrance Blvd & I-405/I-110 Connector. The revised project budget is \$8,120,000. This project is fully funded and currently is in construction. Funds are being deobligated to develop other I-405 Improvements.
- Program \$80,000 in FY19 for MR312.78 - I-405 IQA Review for PSR (Main St to Wilmington). Metro will be procuring services for an I-405 PSR. Caltrans requires reimbursement for IQA services rendered for PSR reviews.

Carson

- Program \$1,000,000 in FY20 for MR312.80 - 223rd St. Improvements. The total project budget is \$1,000,000 for construction. 223rd St is classified as a major highway, comprised of 4 lanes (2 eastbound and 2 westbound) and provides access to the I-405 Wilmington on/off ramps. Street maintenance items outside of the proposed project widening will be paid for by other city funds.

Measure R Nexus to Highway Operational Definition: This project proposes to widen approximately 1000ft on the South Side of 223rd street, east of S. Wilmington Ave.

Gardena

- Program \$144,000 in FY20 for MR312.79 - Traffic Signal Installation at Vermont Ave. and Magnolia Ave. The total project budget is \$144,000. The funds will be used to complete the Project Approval & Environmental Document (PA&ED) and Plans, Specifications, and Estimates (PS&E) phases of the Project.

Measure R NEXUS to Highway Operational Definition: This is a traffic signal improvement project which will create a safer, more efficient way for vehicles to cross Vermont Ave. on Magnolia Ave. and/or 157th to access the I-110 Freeway. This is an eligible Highway Operational Improvement which would reduce delays and enhance traffic flow.

Redondo Beach

- Program \$300,000 in FY20 for MR312.38 - Pacific Coast Highway (PCH) at Anita St Intersection Improvements (Westbound left and right turn lane). The total project budget is \$300,000. The funds will be used to complete the Project Approval & Environmental Document (PA&ED) and Plans, Specifications, and Estimates (PS&E) phases of the Project.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvement which would reduce delays and enhance traffic flow at the intersection of PCH and Anita Street, two key arterials. The project would extend the right turn lane and the center median of Anita Street to increase queuing space for the westbound left turn lane.

Torrance

- Program \$500,000 in FY20 for MR312.63 - Pacific Coast Highway (PCH) at Crenshaw Boulevard Intersection Improvement. The total project budget is \$500,000. The funds will be used to complete the Project Study Report (PSR) phase of the project to evaluate existing deficiencies and proposed modification to add through and turn lanes, modifications to traffic signal, utilities and right-of-way needs.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvement which would reduce delays and enhance traffic flow at the intersection of PCH and Crenshaw Boulevard. Improvements would provide operational benefits to Crenshaw

Blvd, a major north-south arterial, as well as Pacific Coast Highway.

I-605 Corridor “Hot Spots” Interchanges

The Gateway Cities subregion had listed 39 projects to be funded by Measure R Highway Subregional funds. Of those, 2 projects have been completed. The subregion has invested \$118 million of Measure R Subregional highway funds. The 37 active projects are in planning, design, or construction phases. This update includes funding adjustments adjustments to 8 existing projects as follows:

Metro

- Deobligate \$14,500,000 from MR315.50 - Freeway Early Action Projects (PA&ED & PS&E). The funds will be used to fund other I-605 Hot Spot early action projects that are currently in environmental or design.
- Program \$2,308,100 in FY20 for MR315.72 - Whittier Intersection Improvements. The City of Whittier has requested that Metro deliver the project due to lack of staffing. Metro previously completed the PA&ED for this project. Services will be procured for Plans, Specifications & Estimates. Funds deobligated from MR315.44 and MR315.45 are funding this project.

Gateway Cities COG

- Program an additional \$450,000 in FY20 for MOU.306.03 - Gateway Cities Council of Governments Engineering Support Services. The revised project budget is \$1,550,000. The programming of additional funds is to cover Gateway Cities Council of Government engineering support services for three years. The expenditures are equally shared between the I-710 Early Action Projects and the I-605 Hot Spots programs. The additional funds will extend the funding agreement end date to April 30, 2022.

Long Beach

- Deobligate \$800,000 from MR315.68 - Atherton Bridge & Campus Connection. The funds were the local match for CFP F9532. The City of Long Beach received ATP funding and the CFP funds were deobligated by the Metro Board on July 27, 2017.

Pico Rivera

- Program an additional \$5,461,250 in FY19 for MR315.05 - Rosemead Blvd. & Beverly Blvd. Intersection Improvements Project. The total revised project budget is \$13,935,250. The funds will be used to cover additional Right-of-Way (ROW) and construction costs.
- Program an additional \$433,500 in FY19 for MR315.09 - Rosemead Blvd. & Whittier Blvd Intersection Improvements Project. The total revised project budget is \$1,821,500. During the Plans, Specifications, and Estimates (PS&E) phase of the Project, Construction costs were

reevaluated and subsequently increased. The funds will be used to complete the PS&E and Construction phases of the project.

- Program an additional \$706,000 in FY19 MR315.19 - Rosemead Blvd. & Slauson Ave. Intersection Improvements Project. The total revised project budget is \$2,901,000. During the Plans, Specifications, and Estimates (PS&E) phase of the Project, construction costs were reevaluated and subsequently increased. The additional funds will be used to PS&E and Construction phases of the project.
- Program an additional \$13,000 in FY19 MR315.21 - Rosemead Blvd. & Washington Blvd. Intersection Improvements Project. The total revised project budget is \$53,000. During the Plans, Specifications, and Estimates (PS&E) phase of the Project, construction costs were reevaluated and subsequently increased. The additional funds will be used to complete PS&E and Construction phases of the project.

Santa Fe Springs

- Program an additional \$3,200,000 in FY19 for MR315.42 - Florence Ave. Widening Project, from Orr & Day Rd. to Pioneer Blvd. The total revised project budget is \$3,800,000. The additional funds will be used to complete the Construction phase of the project.

Whittier

- Deobligate \$785,100 from MR315.44 - Whittier Blvd Intersection Improvements at Santa Fe Springs Rd. The revised project budget is \$1,585,900. The City of Whittier has requested that Metro deliver the project due to lack of staffing. Metro previously completed the PA&ED for this project. Services will be procured for Plans, Specifications & Estimates (PS&E).
- Deobligate \$1,523,000 from MR315.45 - Whittier Intersection Improvements at Painter Ave. The revised project budget is \$2,750,000. The City of Whittier has requested that Metro deliver the project due to lack of staffing. Metro previously completed the PA&ED for this project. Services will be procured for Plans, Specifications & Estimates (PS&E).

I-710 South and/or Early Action Projects

The Gateway Cities subregion had listed 18 projects to be funded by Measure R Highway Subregional Funds. Of those, 4 projects have been completed. The subregion has invested \$118 million of Measure R Subregional highway Funds. The 13 active projects are in planning, design, or construction phases. This update includes 6 new project and funding adjustments to 2 existing projects as follows:

Gateway Cities COG

- Program an additional \$450,000 in FY20 for MOU.306.03 - Gateway Cities Council of Governments Engineering Support Services. The revised project budget is \$1,550,000. The programming of additional funds is to cover Gateway Cities Council of Government

engineering support services for three years. The expenditures are equally cost shared between the I-710 Early Action Projects and the I-605 Hot Spots programs. The additional funds will extend the funding agreement end date to April 30, 2022.

Metro

- Program \$865,000 in FY20 for MR306.59 - Imperial Hwy. Capacity Enhancements Project. On October 25, 2018, the Metro Board approved MR306.54 - Imperial Hwy. Corridor Capacity Enhancements Project in the City of Lynwood. The City of Lynwood has requested that Metro deliver the Project due to lack of staffing resources. Metro will procure services for Project Approval & Environmental Document (PA&ED) and Plans, Specifications, & Estimates (PS&E) phases of this Project.
- Extend the lapsing date for MR306.5B - SCE Third Party Support for I-710 Corridor Project EIR/EIS from June 30, 2018 to December 31, 2019. The extension will allow SCE to provide support during the Advanced Preliminary Engineering phase of the I-710 South Corridor Improvement Project.

Commerce

- Program \$1,500,000 in FY19 for MR306.45 - Atlantic Blvd. Improvements Project. The total project budget is \$1,500,000. The funds will be used to complete the Construction phase of the Project.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvement Project which will improve operations and reduce congestion on Atlantic Blvd. between Washington Blvd. and Como St. Atlantic Blvd. is a major north-south arterial providing regional arterial connection between I-710 and I-5 where there is currently no north to south freeway connector. The project will provide a new traffic signal, install raised medians, and improve the southbound Atlantic Blvd. left-turn lane onto Washington Blvd.

Downey

- Scope and funding revision for MR306.42 - Firestone Blvd. Improvements Project (Old River School Road to west city limits). The City of Downey has revised the project scope and funding sources to include \$969,231 of repurposed Federal Earmark to Proposition C funds. The revised scope includes activities during the construction phase of the Project. The Measure R budget of \$323,000 remains unchanged.

Lynwood

- Deobligate \$865,000 from MR306.54 -- Imperial Hwy. Capacity Enhancements Project. On October 25, 2018, the Metro Board approved MR306.54 - Imperial Hwy. Corridor Capacity Enhancements Project in the City of Lynwood. The City of Lynwood has requested that Metro deliver the Project due to lack of staffing resources. Metro will procure services for Project Approval & Environmental Document (PA&ED) and Plans, Specifications, & Estimates (PS&E)

phases of this Project.

Long Beach

- Program \$2,520,000 for MR306.60 - Shoreline Drive Realignment Project. The funds will be programmed as follows: \$520,000 in FY19 and \$2,000,000 in FY20. The funds will be used to complete the Plans, Specifications, and Estimates (PS&E) phase of the Project.

Measure R NEXUS to Highway Operational Definition: The Project will realign and reconfigure Shoreline Drive to match the future location of the Shoemaker Bridge Replacement Project (to be done as part of the I-710 Corridor Project), allowing for two-way traffic between 6th Street and Ocean Blvd. West Broadway and 3rd Street would also be reconfigured to reconnect with Shoreline Drive and distribute traffic to and from the freeway, both providing safety and operational benefits.

Maywood

- Program \$445,000 in FY19 for MR306.56 - Slauson Ave./Atlantic Blvd. Congestion Relief & Slauson Ave. Corridor Project. The total project budget is \$445,000. The funds will be used to complete the Project Approval and Environmental Document (PA&ED) and Plans, Specifications, and Estimates (PS&E) phases of the Project.

Measure R NEXUS to Highway Operational Definition: This Project provides congestion relief on Slauson Ave., a major east-west arterial providing regional access to and from the I-710. Intersection improvements at Slauson Ave. and Atlantic Blvd. include traffic signal improvements and adding eastbound and northbound left-turn lanes. Slauson Ave Corridor improvements include traffic signal improvements and synchronization, and the addition of protective left-turn vehicle heads at 8 intersections. This project is eligible under Measure R Highway Operational Improvements.

South Gate

- Program \$1,456,250 in FY19 for MR306.57 - Imperial Highway Corridor Improvement Project. The total project budget is \$1,456,250. The funds will be used to complete the Construction phase of the Project.

Measure R NEXUS to Highway Operational Definition: The Project will provide operational improvements on Imperial Highway from Ryerson Ave to the Los Angeles River, a major east-west arterial providing regional access to and from the I-710. Proposed improvements include the construction of raised medians, and traffic signal improvements and synchronization to reduce congestion and enhance traffic circulation. This project is eligible under Measure R Highway Operational Improvements.

- Program \$700,000 in FY19 for MR306.58 - Firestone Blvd. at Otis St. Improvements Project. The total project budget is \$700,000. The funds will be used to complete the Construction phase of the Project.

Measure R NEXUS to Highway Operational Definition: The Project will provide operational improvements at the intersection of Firestone Boulevard and Otis Street. Proposed improvements include the installation of an eastbound right-turn lane pocket and traffic signal modification and synchronization which will reduce congestion and enhance traffic circulation. This project is eligible under Measure R Highway Operational Improvements.

- Scope revision for MR306.33 - Firestone Blvd. Regional Corridor Capacity Enhancement Project. The City has revised the project scope to provide clarity on the intersections included in the project. This is a no cost scope modification.

State Route 138 Capacity Enhancements

The North Los Angeles County subregion had listed 11 projects to be funded by Measure R Highway Subregional Funds. Of those, 1 projects has been completed. The subregion has invested \$35 million of Measure R Subregional highway Funds. The 10 active projects are in planning, design, or construction phases. There are no updates to the existing project list.

DETERMINATION OF SAFETY IMPACT

The recertification of the project list and funding allocations will have no adverse impact on the safety of Metro's patrons and employees and the users of the referenced transportation facilities.

FINANCIAL IMPACT

Approval of Recommendation A will not require an FY19 Budget amendment at this time. Highway project management staff will monitor the respective projects and adjust funding as required to meet project needs within the Adopted FY19 Highway budget. Funding for the highway projects is from the Measure R 20% Highway Capital subfund earmarked for the subregions. FY19 funds are allocated for Arroyo Verdugo (Project No. 460310), Las Virgenes Malibu (Project No. 460311), and South Bay (Project No. 460312) subregions in FY19 budget. These three programs are budgeted under Cost Center 0442 in Account 54001 (Subsidies to Others).

The remaining funds are distributed from the Measure R 20% Highway Capital Subfund via funding agreements to Caltrans, and the Cities of Palmdale and Lancaster under Cost Center 0442 in Project No. 460330, Account 54001 (Subsidies to Others).

Funding for the I-605 Corridor "Hot Spots" Projects, is allocated to Project No. 460314, Cost Centers 4720, 4730 & 0442, Account 54001 (Subsidies to Others) and account 50316 (Professional Services); 461314, Task 5.2.100; 462314, Task 5.2.100; 463314, Task 5.2.100; 469314, Task 5.3.100; 460345, Task 5.2.100; 460346, Task 5.2.100; and for I-710 Early Action Projects, in Project No. 460316 in Cost Center 0442, Account 54001 (Subsidies to Others) and also under 462316, Task 5.2.100; 463316, Task 5.3.100; 463416, Task 5.3.100; and 463516, Task 5.3.100 in Account 50316 (Professional Services) in Cost Center 4720, are all included in the FY19 budget.

Moreover, programmed funds are based on estimated revenues. Since each MRHSP is a multi-year program with various projects, the Project Managers, the Cost Center Manager and the Senior Executive Officer, Program Management, Highway Program will be responsible for budgeting the costs in current and future years.

Impact to Budget

Upon approval of recommendations, staff will rebalance the approved FY19 budgets to funds the identified priorities. Should additional funds be required for FY19 period, staff will revisit the budgetary needs using the quarterly and mid-year adjustment processes.

The source of funds for these projects is Measure R 20% Highway Funds. This fund source is not eligible for Bus and rail Operations or Capital expenses.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

The proposed project is consistent with 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 highways.

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

ALTERNATIVES CONSIDERED

The Board may choose to not approve the revised project lists and funding allocation. However, this option is not recommended as it will delay development of the needed improvements.

NEXT STEPS

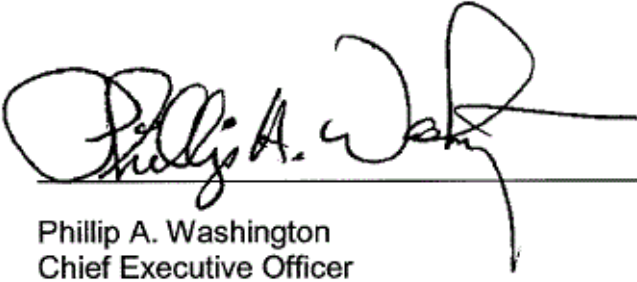
Metro Highway Program Staff will continue to work with the subregions to identify and deliver projects. As work progresses, updates will be provided to the Board on a semi-annual and as-needed basis.

ATTACHMENTS

Attachment A - Projects Receiving Measure R Funds
Attachment B - Subregional Performance

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Phillip A. Washington
Chief Executive Officer

ATTACHMENT A

Measure R Highway Operational Improvements Projects													
<i>(Dollars in Thousands)</i>													
HIGHWAY OPS IMP GRAND TOTAL				1,076,935	8,384	1,075,319	798,172	155,366	112,796	17,290	1,695	0	
Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Arroyo Verdugo Operational Improvements				80,873.4	4,465.0	85,338.4	50,007.4	11,867.0	12,035.0	11,429.0	0.0	0.0	
Burbank	MR310.06	San Fernando Blvd. / Burbank Blvd. Intersection		2,325.0	0.0	2,325.0	2,325.0						
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 (Completed)		2,600.0	0.0	2,600.0	2,600.0						
Burbank	MR310.09	SR-134 Corridor Arterial Signal Improvements (Completed)		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			3,647.0			
Burbank	MR310.11	Olive Ave. / Verdugo Ave. Intersection Improvement		3,600.0	0.0	3,600.0	1,600.0		2,000.0				
Burbank	MR310.23	Chandler Bikeway Extension (call match) F7506		659.8	(0.0)	659.8	659.8						
Burbank	MR310.31	SR-134 Corridor Arterial Signal Improvements - Phase 2		2,000.0	0.0	2,000.0	1,300.0	700.0					
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		1,150.0	0.0	1,150.0	800.0	350.0					
Burbank	MR310.46	Glenoaks Blvd Arterial and First St Signal Improvements		3,200.0	0.0	3,200.0	500.0	1,400.0	1,300.0				
Burbank	MR310.50	I-5 Downtown Soundwall Project - Orange Grove Ave to Magnolia		1,000.0	0.0	1,000.0		1,000.0					
Burbank	MR310.51	Alameda Ave Signal Synchronization Glenoaks Blvd to Riverside Dr.		250.0	0.0	250.0			250.0				
		TOTAL BURBANK		29,023.8	(0.0)	29,023.8	14,659.8	3,450.0	3,550.0	7,364.0	0.0	0.0	
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	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		1,246.5	0.0	1,246.5	1,246.5						
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 (Completed)		1,585.5	0.0	1,585.5	1,585.5						
Glendale	MR310.17	Ocean View Blvd. Traffic Signals Installation and Modification (Completed)		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)		340.9	0.0	340.9	340.9						
Glendale	MR310.20	Verdugo Rd / Honolulu Ave / Verdugo Blvd Intersection Modification (Completed)		397.3	0.0	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						

ATTACHMENT A

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Glendale	MR310.24	Construction of Bicycle Facilities		244.3		0.0	244.3	244.3					
Glendale	MR310.25	210 Soundwalls Project		4,520.0		0.0	4,520.0	0.0	1,520.0		3,000.0		
Glendale	MR310.26	Bicycle Facilities, Phase 2 (Class III Bike Routes)		225.0		0.0	225.0	165.0	60.0				
Glendale	MR310.28	Pennsylvania Ave Signal at I-210 On/Off-Ramps		500.0		0.0	500.0	400.0	100.0				
Glendale	MR310.32	Regional Arterial Performance Measures (Call Match) F7321		100.0		0.0	100.0	100.0					
Glendale	MR310.34	Regional Bike Stations (Call Match) F7709		332.2		0.0	332.2	332.2					
Glendale	MR310.36	Signalizations of SR-2 Fwy Ramps @ Holly		600.0		0.0	600.0	0.0	100.0	500.0			
Glendale	MR310.35	Signal Installations at Various Locations (Completed)		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	850.0		250.0	1,100.0	50.0	1,050.0				
Glendale	MR310.39	Widening of SR-2 Fwy Ramps @ Mountain		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 (Completed)		3,315.0		0.0	3,315.0	3,315.0					
Glendale	MR310.41	Doran St. (From Brand Blvd. to Adams St.)		1,450.0		0.0	1,450.0	1,200.0	250.0				
Glendale	MR310.42	Arden Ave. (From Highland Ave. to Kenilworth St.) (Completed)		623.2		0.0	623.2	623.2					
Glendale	MR310.43	Verdugo Rd. Street Improvements Project (Traffic Signal Modification)	Chg	585.0		1,065.0	1,650.0	0.0		585.0	1,065.0		
Glendale	MR310.47	Traffic Signals on Glenwood Rd. and Modificaitons on La Crescenta and Central Ave.		2,025.0		0.0	2,025.0	1,200.0	825.0				
Glendale	MR310.48	San Frenando Rd and Los Angeles Street Traffic Signal Installation & Intersection Modification		400.0		0.0	400.0	400.0					
Glendale	MR310.49	Traffic Signal Modification & Upgrades on Honolulu Ave	Chg	1,800.0		1,200.0	3,000.0	150.0	1,650.0	1,200.0			
Glendale	MR310.52	Traffic Signal Improvements at Chevy Chase Dr/California Ave/	Chg	2,200.0		300.0	2,500.0		1,000.0	1,500.0			
Glendale	MR310.54	Traffic Signal Modification on La Crescenta Ave and San Fernando Rd.	Add	0.0		1,650.0	1,650.0			1,650.0			
		TOTAL GLENDALE		38,005.6		4,465.0	42,470.6	25,215.6	6,705.0	6,485.0	4,065.0	0.0	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	1,800.0					
La Canada Flintridge	MR310.53	Soundwall on I-210 (Phase 3)		3,712.0		0.0	3,712.0		1,712.0	2,000.0			
		TOTAL LA CANADA FLINTRIDGE		10,100.0		0.0	10,100.0	6,388.0	1,712.0	2,000.0	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	3,044.0					
		TOTAL LA COUNTY		3,044.0		0.0	3,044.0	3,044.0	0.0	0.0	0.0	0.0	0.0
Metro/Caltrans	MR310.29	NBSSR on I-210 frm Pennsylvania Ave. to West of SR-2		700.0		0.0	700.0	700.0					
		TOTAL METRO		700.0		0.0	700.0	700.0	0.0	0.0	0.0	0.0	0.0
		TOTAL ARROYO VERDUGO OPS IMPS		80,873.4		4,465.0	85,338.4	50,007.4	11,867.0	12,035.0	11,429.0	0.0	0.0

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Las Virgenes/Malibu Operational Improvements				156,651.0	0.0	156,651.0	143,451.0	12,000.0	1,200.0	0.0	0.0	0.0
Westlake Village	MR311.01	Lindero Canyon Road Interchange, Phase 3A Design		443.7	0.0	443.7	443.7					
Westlake Village	MR311.02	Highway 101 Park and Ride Lot (Design Completed)		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	9,419.0					
Westlake Village	MR311.19	Highway 101 Park and Ride Lot (Completed)		4,943.6	0.0	4,943.6	4,943.6					
TOTAL WESTLAKE VILLAGE				18,301.0	0.0	18,301.0	18,301.0	0.0	0.0	0.0	0.0	0.0
Agoura Hills	MR311.03	Palo Comando Interchange		11,000.0	0.0	11,000.0	6,000.0	5,000.0				
Agoura Hills	MR311.04	Aguora Road/Kanan Road Intersection Improvements		800.0	0.0	800.0	800.0					
Agoura Hills	MR311.05	Agoura Road Widening (Completed)		36,500.0	0.0	36,500.0	36,500.0					
Agoura Hills	MR311.14	Kanan Road Corridor from Thousand Oaks Blvd to Cornell Road PSR		700.0	0.0	700.0	500.0	200.0				
Agoura Hills	MR311.15	Agoura Hills Multi-Modal Center		100.0	0.0	100.0	100.0					
TOTAL AGOURA HILLS				49,100.0	0.0	49,100.0	43,900.0	5,200.0	0.0	0.0	0.0	0.0
Calabasas	MR311.06	Lost Hills Overpass and Interchange		35,500.0	0.0	35,500.0	35,500.0					
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 (Completed)		5,746.2	0.0	5,746.2	5,746.2					
Calabasas	MR311.09	Parkway Calabasas/US 101 SB Offramp (Completed)		214.0	0.0	214.0	214.0					
Calabasas	MR311.20	Off-Ramp for US 101 at Las Virgenes Road (Cancelled)		0.0	0.0	0.0	0.0					
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				49,550.0	0.0	49,550.0	49,550.0	0.0	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	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Malibu	MR311.24	Malibu/Civic Center Way Widening	Chg	4,000.0		1,200.0	5,200.0	4,000.0		1,200.0			
Malibu	MR311.26	PCH-Raised Median and Channelization from Webb Way to Corral Canyon Road		6,950.0		0.0	6,950.0	6,950.0					
Malibu	MR311.27	PCH Intersections Improvements		1,000.0		0.0	1,000.0	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)	Deob	2,500.0		(1,200.0)	1,300.0	1,000.0	300.0				
Malibu	MR311.30	PCH Roadway and Bike Route Improvements fr. Busch Dr. to Western City Limits (Completed)		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	Park and Ride Lot on Civic Center Way and/or PCH		3,500.0		0.0	3,500.0	3,500.0					
Malibu	MR311.11	PCH Signal System Improvements from John Tyler Drive to Topanga Canyon Blvd		13,700.0		0.0	13,700.0	9,200.0	4,500.0				
		TOTAL MALIBU		34,000.0		0.0	34,000.0	28,000.0	4,800.0	1,200.0	0.0	0.0	0.0
Hidden Hills	MR311.34	Long Valley Road/Valley Circle/US-101 On-Ramp Improvements		5,700.0		0.0	5,700.0	3,700.0	2,000.0				
		TOTAL HIDDEN HILLS		5,700.0		0.0	5,700.0	3,700.0	2,000.0	0.0	0.0	0.0	0.0
		TOTAL LAS VIRGENES/MALIBU OPS IMPS		156,651.0		0.0	156,651.0	143,451.0	12,000.0	1,200.0	0.0	0.0	0.0

ATTACHMENT A

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
South Bay I-405, I-110, I-105, & SR-91 Ramp / Interchange Imps					235,001.9	1,604.0	236,605.9	175,846.2	31,609.7	22,691.0	4,764.0	1,695.0	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	12,164.0	594.0	617.0				
		TOTAL SBCCOG		13,375.0	0.0	13,375.0	12,164.0	594.0	617.0	0.0	0.0	0.0	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	5,357.0						
Caltrans	MR312.24	I-110 Aux lane from SR-91 to Torrance Blvd Aux lane & I-405/I-110 Connector	Deob	15,100.0	(6,980.0)	8,120.0	8,120.0						
Caltrans	MR312.25	I-405 at 182nd St. / Crenshaw Blvd Improvements		24,400.0	0.0	24,400.0	9,900.0	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					
Caltrans	MR312.77	I-405 IQA Review for PSR (El Segundo to Artesia Blvd)		150.0	0.0	150.0	0.0	150.0					
Caltrans	MR312.78	I-405 IQA Review for PSR (Main St to Wilmington)	Add	0.0	80.0	80.0		80.0					
		TOTAL CALTRANS		55,007.0	(6,900.0)	48,107.0	32,377.0	9,130.0	6,600.0	0.0	0.0	0.0	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	150.0						
Carson	MR312.41	Traffic Signal Upgrades at 10 Intersections		1,400.0	0.0	1,400.0	1,400.0						
Carson	MR312.80	223rd st Widening	Add	0.0	1,000.0	1,000.0			1,000.0				
		TOTAL CARSON		1,550.0	1,000.0	2,550.0	1,550.0	0.0	1,000.0	0.0	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	0.0

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
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	1,500.0					
Gardena	MR312.09	Artesia Blvd Arterial Improvements from Western Ave to Vermont Ave		2,523.0	0.0	2,523.0	260.0	2,263.0				
Gardena	MR312.79	Traffic Signal Install at Vermont Ave. and Magnolia Ave	Add	0.0	144.0	144.0			144.0			
		TOTAL GARDENA		11,473.3	144.0	11,617.3	9,210.3	2,263.0	144.0	0.0	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) (Completed)		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	618.0	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 Northbound on 120th St.		2,000.0	0.0	2,000.0	2,000.0					
Hawthorne	MR312.61	Hawthorne Blvd Arterial Improvements, from 126th St to 111th St.		4,400.0	0.0	4,400.0	1,600.0	2,800.0				
Hawthorne	MR312.66	Imperial Ave Signal Improvements and Intersection Capacity Project		1,995.0	0.0	1,995.0	0.0	200.0	700.0	600.0	495.0	
Hawthorne	MR312.67	Rosecrans Ave Signal Improvements and Intersection Capacity Enhancements.		3,200.0	0.0	3,200.0	0.0	500.0	1,000.0	1,200.0	500.0	
Hawthorne	MR312.68	El Segundo Blvd Improvements Project Phase I		2,000.0	0.0	2,000.0	0.0	400.0	400.0	500.0	700.0	
Hawthorne	MR312.69	El Segundo Blvd Improvements Project Phase II		600.0	0.0	600.0	0.0	100.0	300.0	200.0		
		TOTAL HAWTHORNE		28,683.0	0.0	28,683.0	17,469.0	4,619.0	2,400.0	2,500.0	1,695.0	0.0
Hermosa Beach	MR312.05	PCH (SR-1/PCH) Improvements between Anita St. and Artesia Boulevard		574.7	0.0	574.7	498.0	76.7				
		TOTAL HERMOSA BEACH		574.7	0.0	574.7	498.0	76.7	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	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Inglewood	MR312.12	Intelligent Transportation System (ITS) Phase IV		3,500.0		0.0	3,500.0	2,500.0	1,000.0				
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	MR312.70	Prairie Ave Signal Synchronization Project		205.0		0.0	205.0	205.0					
Inglewood	MR312.71	La Cienega Blvd Synchronization Project		80.0		0.0	80.0	0.0	80.0				
Inglewood	MR312.72	Arbor Vitae Synchronization Project		130.0		0.0	130.0	0.0	130.0				
Inglewood	MR312.73	Florence Ave Synchronization Project		255.0		0.0	255.0	0.0	255.0				
		TOTAL INGLEWOOD		4,554.0		0.0	4,554.0	2,897.0	1,657.0	0.0	0.0	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	1,313.0					
LA City	MR312.48	Alameda St. (South) Widening frm. Anaheim St. to Harry Bridges Blvd		2,875.0		0.0	2,875.0	2,875.0					
LA City	MR312.74	Alameda St. (East) Widening Project		3,580.0		0.0	3,580.0	0.0	1,000.0	1,000.0	1,580.0		
		TOTAL LA CITY		7,868.0		(0.0)	7,868.0	4,288.0	1,000.0	1,000.0	1,580.0	0.0	0.0
LA County	MR312.16	Del Amo Blvd improvements from Western Ave to Vermont Ave (Completed)		307.0		0.0	307.0	307.0	0.0				
LA County	MR312.52	ITS: Improvements on South Bay Arterials		1,021.0		0.0	1,021.0	401.0	620.0				
LA County	MR312.64	South Bay Arterial System Detection Project		2,000.0		0.0	2,000.0	1,000.0	1,000.0				
		TOTAL LA COUNTY		3,328.0		0.0	3,328.0	1,708.0	1,620.0	0.0	0.0	0.0	0.0
Lawndale	MR312.15	Inglewood Ave Widening from 156th Street to I-405 Southbound on-ramp (Completed)		43.0		0.0	43.0	43.0					
Lawndale	MR312.36	ITS: City of Lawndale Citywide Improvements (completed)		878.3		0.0	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	1,039.3					
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		2,468.6		0.0	2,468.6	2,260.6	208.0	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	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Lomita	MR312.43	Intersection Improvements at Western/Palos Verdes Dr and PCH/Walnut		1,506.0		0.0	1,506.0	1,506.0					
		TOTAL LOMITA		1,506.0		0.0	1,506.0	1,506.0	0.0	0.0	0.0	0.0	0.0
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	900.0					
		TOTAL MANHATTAN BEACH		12,826.5		0.0	12,826.5	12,826.5	0.0	0.0	0.0	0.0	0.0
Metro	MR312.55	I-405 Improvements from I-110 to Wilmington	Chg	600.0		3,600.0	4,200.0	600.0		3,600.0			
Metro	MR312.30	I-405 Improvements from I-105 to Artesia Blvd	Chg	881.0		3,300.0	4,181.0	881.0		3,300.0			
Metro	TBD	Western Ave. (SR-213) from Palos Verdes Drive North to Gardena -- PSR	Deob	170.0		(170.0)	0.0						
Metro	TBD	SR-1 from Eastern Boundary of Carson to Eastern Boundary of Torrance -- PSR	Deob	170.0		(170.0)	0.0						
Metro	0000020331-3 4040-2540-01- 40	South Bay Arterial Baseline Conditions Analysis (Completed)		250.0		0.0	250.0	250.0					
Metro	TBD	Inglewood Transit Center at Florence/La Brea		1,500.0		0.0	1,500.0	1,500.0					
		TOTAL METRO		3,571.0		6,560.0	10,131.0	3,231.0	0.0	6,900.0	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	90.0					
		TOTAL RANCHO PALOS VERDES		90.0		0.0	90.0	90.0	0.0	0.0	0.0	0.0	0.0
POLA	MR312.32	SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd		3,830.0		0.0	3,830.0	900.0	700.0	2,230.0			
		PORT OF LOS ANGELES		3,830.0		0.0	3,830.0	900.0	700.0	2,230.0	0.0	0.0	0.0

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
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)		936.0	0.0		936.0	586.0	350.0				
Redondo Beach	MR312.08	Pacific Coast Highway at Palos Verdes Blvd intersection improvements (WB right turn lane)		389.0	0.0		389.0	389.0					
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					
Redondo Beach	MR312.75	Kingsdale Ave at Artesia Blvd Intersection Improvements		992.0	0.0		992.0	0.0	992.0				
Redondo Beach	MR312.38	PCH at Anita St Improv (left and right turn lane)	Add	0.0	300.0		300.0			300.0			
		TOTAL REDONDO BEACH		9,791.0	300.0		10,091.0	8,449.0	1,342.0	300.0	0.0	0.0	0.0
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		25,700.0	0.0		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	15,300.0					
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 (Completed)		500.0	0.0		500.0	500.0					
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		3,300.0	0.0		3,300.0	3,300.0					
Torrance	MR312.76	Plaza Del Amo at Western Ave (SR-213) Improvements		2,784.0	0.0		2,784.0	300.0	800.0	1,000.0	684.0		
Torrance	MR312.63	PCH at Crenshaw Blvd Intersection Imp	Add	0.0	500.0		500.0			500.0			
		TOTAL TORRANCE		71,255.9	500.0		71,755.9	61,171.9	8,400.0	1,500.0	684.0	0.0	0.0
		TOTAL SOUTH BAY		235,001.9	1,604.0		236,605.9	175,846.2	31,609.7	22,691.0	4,764.0	1,695.0	0.0

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Gateway Cities: I-605/SR-91/I-405 Corridors "Hot Spots"					218,744.7	(5,036.3)	213,708.4	158,538.4	41,981.0	12,274.9	914.1	0.0	0.0
GCCOG	MOU.306.03	GCCOG Engineering Support Services	Chg	1,100.0		450.0	1,550.0	900.0	200.0	450.0			
GCCOG	MR315.29	Gateway Cities Third Party Support		100.0		0.0	100.0	100.0					
TOTAL GCCOG					1,200.0	450.0	1,650.0	1,000.0	200.0	450.0	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 Interchange Improvements		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 Pacific Interchanges for SR-60, SR-60/ SR-106, SR-106/ SR-108, SR-108/ SR-104, SR-104/ SR-102, SR-102/ SR-100, SR-100/ SR-106, SR-106/ SR-104, and SR-104/ SR-102		572.7		0.0	572.7	572.7					
Metro	PS4720-3251	Arterial Hot Spots in the Cities of Long Beach, Bellflower, and Paramount: PAED for Valley View/Rosecrans, Valley View/Alondra, and Valley View/Alondra Intersections		560.7		0.0	560.7	560.7					
Metro	AE25081	Arterial Hot Spots in the Cities of Cerritos, P&S&E, and Carmonita/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	Professional Services for 605/60 PA/ED		34,000.0		0.0	34,000.0	18,000.0	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	10,429.5					
Metro	AE333410011375	Professional Services for the I-605/I-5 PA/ED		20,698.0		0.0	20,698.0	13,000.0	7,698.0				
Metro	AE476110012334	Professional Services for WB SR-91 Improvements PA/ED		7,763.0		0.0	7,763.0	6,563.0	1,200.0				
Metro	AE322940011372	Professional Services for 710/91 PSR/PDS		2,340.0		0.0	2,340.0	2,340.0					
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)	Deob	14,500.0		(14,500.0)	0.0	0.0					
Metro	AE39064000	I-605 Beverly Interchange Improvements (PR & PS&E)		3,229.3		0.0	3,229.3	3,000.0	229.3				
Metro	AE38849000	I-605 off-ramp at South Street Improvements Project (PR & PS&E)		4,452.3		0.0	4,452.3	4,452.3					
Metro	MR315.35	SR-91 Atlantic Ave to Cherry Ave EB Aux Lane		7,500.0		0.0	7,500.0	250.0	7,250.0				
Metro	MR315.37	SR-91 Central Ave Interchange Improvements		500.0		0.0	500.0	250.0	250.0				
Metro	MR315.63	SR-60 at 7th Street Interchange Improvements		2,100.0		0.0	2,100.0	250.0	1,850.0				
Metro	MR315.73	I-605 at Valley Blvd Interchange Improvements		2,059.9		0.0	2,059.9	250.0	1,809.9				
Metro	MR315.72	Whittier Intersection Improvements (PSE)	Add	0.0		2,308.1	2,308.1			2,308.1			
TOTAL METRO					124,416.4	(12,191.9)	112,224.5	73,629.2	28,287.2	10,308.1	0.0	0.0	0.0

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
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	2,050.0	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	1,300.0	769.8					
Caltrans	MR315.08	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-91 PA/ED		776.3	0.0	776.3	656.3	120.0					
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	234.0						
Caltrans	MR315.30	I-605 Beverly Interchange Improvements (Env. Doc.)		500.0	0.0	500.0	500.0						
Caltrans	MR315.31	I-605 from SR-91 to South Street Improvements Project (Env. Doc.)		500.0	0.0	500.0	500.0						
		TOTAL CALTRANS		8,050.1	0.0	8,050.1	5,560.3	1,689.8	800.0	0.0	0.0	0.0	0.0
Bellflower	MR315.16	Bellflower Blvd- Artesia Blvd Intersection Improvement Project		8,442.8	0.0	8,442.8	8,442.8						
Bellflower	MR315.33	Lakewood - Alondra Intersection Improvements: Construction		1,002.0	0.0	1,002.0	1,002.0						
		TOTAL BELLFLOWER		9,444.8	0.0	9,444.8	9,444.8	0.0	0.0	0.0	0.0	0.0	0.0
Cerritos	MR315.38	Carmenita - South Intersection Improvements, Construction		414.2	0.0	414.2	292.0	122.2					
Cerritos	MR315.39	Bloomfield - Artesia Intersection Improvements, ROW & Construction		1,544.2	0.0	1,544.2	1,544.2						
		TOTAL CERRITOS		1,958.4	0.0	1,958.4	1,836.2	122.2	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		4,060.0	0.0	4,060.0	4,060.0						
Downey	MR315.27	Lakewood - Florence Intersection Improvements		4,925.0	0.0	4,925.0	4,925.0						
Downey	MR315.18	Bellflower - Imperial Highway Intersection Improvements		2,740.4	0.0	2,740.4	2,740.4						
Downey	MR315.66	Lakewood Blvd at Firestone Blvd Intersection Improvm.		1,300.0	0.0	1,300.0	1,300.0						
		TOTAL DOWNEY		15,145.4	0.0	15,145.4	15,145.4	0.0	0.0	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	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
LA County	MR315.07	Painter - Mulberry Intersection Improvements		2,410.0	0.0	2,410.0	2,410.0					
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	2,830.0					
LA County	MR315.23	Carmenita - Telegraph Intersection Improvements		1,400.0	0.0	1,400.0	1,400.0					
LA County	MR315.22	Norwalk-Washington Intersection Improvements		550.0	0.0	550.0	550.0					
LA County	MR315.64	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	8,985.0	0.0	645.0	0.0	0.0	0.0
Lakewood	MR315.36	Lakewood Blvd Regional Capacity Enhancement		3,600.0	0.0	3,600.0	3,600.0					
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	9,104.3	0.0	0.0	0.0	0.0	0.0
Long Beach	MR315.67	2015 CFP - Artesia Complete Blvd (Call Match) F9130		900.0	0.0	900.0	0.0			900.0		
Long Beach	MR315.68	2015 CFP - Atherton Bridge & Campus Connection (Call Match) F9532	Deob	800.0	(800.0)	0.0	0.0					
Long Beach	MR315.69	Park or Ride (Call Match) F9808		212.6	(0.0)	212.6	64.2	62.5	71.8	14.1		
Long Beach	MR315.60	Soundwall on I-605 near Spring Street, PAED and PSE		350.0	0.0	350.0	250.0	100.0				
Long Beach	MR315.61	Lakewood - Spring Intersection 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					
Long Beach	MR315.70	Artesia Boulevard Improvements		1,450.0	0.0	1,450.0	1,450.0					
		TOTAL LONG BEACH		4,659.7	(800.0)	3,859.7	2,711.3	162.5	71.8	914.1	0.0	0.0

ATTACHMENT A

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
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					
Norwalk	MR315.71	Firestone Blvd Widening Project		2,000.0	0.0		2,000.0	2,000.0					
		TOTAL NORWALK		9,959.4	0.0		9,959.4	9,959.4	0.0	0.0	0.0	0.0	0.0
Pico Rivera	MR315.05	Rosemead - Beverly Intersection Improvements	Chg	8,474.0	5,461.2		13,935.2	8,474.0	5,461.2				
Pico Rivera	MR315.09	Rosemead - Whittier Intersection Improvements	Chg	1,388.0	433.5		1,821.5	1,388.0	433.5				
Pico Rivera	MR315.19	Rosemead - Slauson Intersection Improvements	Chg	2,195.0	706.0		2,901.0	2,195.0	706.0				
Pico Rivera	MR315.21	Rosemead - Washington Intersection Improvements	Chg	40.0	13.0		53.0	40.0	13.0				
		TOTAL PICO RIVERA		12,097.0	6,613.7		18,710.7	12,097.0	6,613.7	0.0	0.0	0.0	0.0
Santa Fe Springs	MR315.40	Valley View - Rosecrans Intersection Improvements, Construction		824.0	0.0		824.0	824.0					
Santa Fe Springs	MR315.41	Valley View - Alondra Intersection Improvements, ROW & Construction		2,667.0	0.0		2,667.0	2,667.0					
Santa Fe Springs	MR315.42	Florence Avenue Widening Project, from Orr & Day to Pioneer Blvd (PAED, PSE, ROW)	Chg	600.0	3,200.0		3,800.0	600.0	3,200.0				
		TOTAL SANTA FE SPRINGS		4,091.0	3,200.0		7,291.0	4,091.0	3,200.0	0.0	0.0	0.0	0.0
Whittier	MR315.44	Santa Fe Springs Whittier Intersection Improvements: PSE, ROW, Construction	Deob	2,371.0	(785.1)		1,585.9	1,567.9	18.0				
Whittier	MR315.45	Painter Ave - Whittier Intersection Improvements: PSE, ROW, Construction	Deob	4,273.0	(1,523.0)		2,750.0	1,760.3	989.7				
Whittier	MR315.46	Colima Ave - Whittier Intersection Improvements: PSE, ROW, Construction		2,344.1	(0.0)		2,344.1	1,646.2	697.9				
		TOTAL WHITTIER		8,988.1	(2,308.1)		6,680.0	4,974.4	1,705.6	0.0	0.0	0.0	0.0
		TOTAL I-605/SR-91/I-405 "HOT SPOTS"		218,744.7	(5,036.3)		213,708.4	158,538.4	41,981.0	12,274.9	914.1	0.0	0.0

ATTACHMENT A

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Gateway Cities: INTERSTATE 710 SOUTH EARLY ACTION PROJECT					185,664.1	7,351.2	183,015.3	143,528.9	29,908.0	19,395.4	183.0	0.0	0.0
GCCOG	MOU.306.03	GCCOG Engineering Support Services	Chg	1,100.0	450.0	1,550.0	1,100.0			450.0			
		TOTAL GCCOG		1,100.0	450.0	1,550.0	1,100.0	0.0	450.0	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	25,046.0						
Metro	PS4340-1939	Professional Services contract for I-710 Corridor Project EIR/EIS		32,520.9	0.0	32,520.9	32,520.9						
Metro	PS-4710-2744	I-710 Soundwall Feasibility & Project Development		3,509.0	0.0	3,509.0	3,509.0						
Metro	AE3722900	I-710 Soundwall Design Package 1		2,161.9	0.0	2,161.9	2,161.9						
Metro	PS4720-3330	I-710 Soundwall Design Package 3		5,271.6	0.0	5,271.6	5,271.6						
Metro	PS2198100	I-710 Soundwall Package 2		2,551.6	0.0	2,551.6	0.0	1,000.0	1,551.6				
Metro		I-710 Soundwall Construction Package 2		4,448.4	0.0	4,448.4			4,448.4				
Metro	MOU.Calstart2010	Professional Services contract for development of zero emission technology report		150.0	0.0	150.0	150.0						
Metro	Bucket	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						
Metro	MR306.59	Imperial Hwy Capacity Enhancements Project	Add	0.0	865.0	865.0			865.0				
		TOTAL METRO		88,284.3	865.0	89,149.3	81,284.3	1,000.0	6,865.0	0.0	0.0	0.0	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	240.0	0.0	0.0	0.0	0.0	0.0	0.0
Metro	13.01/USAGE	Third Party Support Services for I-710 Corridor Project (US Army Corp of Eng)		100.0	0.0	100.0	100.0						
		TOTAL USAGE		100.0	0.0	100.0	100.0	0.0	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	1,623.0						
Metro	MR306.39	I-710 Soundwall Project - SCE Utility Relocation Engineering Advance		75.0	0.0	75.0	75.0						
Metro	MR306.48	SCE design support I-710 Soundwall Package 3		400.0	0.0	400.0	200.0	200.0					
		TOTAL SCE		2,098.0	0.0	2,098.0	1,898.0	200.0	0.0	0.0	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	3,500.0						
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	5,050.0	0.0	0.0	0.0	0.0	0.0	0.0

ATTACHMENT A

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
LA County	MR306.16	Staff Support for the Review of the Draft I-710 South EIR/EIS		157.0		0.0	157.0	157.0					
		TOTAL LA COUNTY		157.0		0.0	157.0	157.0	0.0	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		136.0		0.0	136.0	136.0					
Bell	MR306.44	Gage Ave Bridge Replacement Project		66.8		0.0	66.8	0.0	66.8				
		TOTAL BELL		381.4		0.0	381.4	314.6	66.8	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		152.3		0.0	152.3	152.3					
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		1,184.7		0.0	1,184.7	1,184.7					
Bell Gardens	MR306.52	Garfield Ave & Eastern Ave Intersection Improvements		4,635.0		0.0	4,635.0		4,635.0				
		TOTAL BELL GARDENS		6,255.4		0.0	6,255.4	1,337.0	4,635.0	100.4	183.0	0.0	0.0
Commerce	MR306.23	Washington Blvd Widening and Reconstruction Project		13,500.0		0.0	13,500.0	13,500.0					
Commerce	MR306.09	Staff Support for the Review of the Draft I-710 South EIR/EIS		75.0		0.0	75.0	75.0					
Commerce	MR306.45	Atlantic Blvd. Improvements Project	Add	0.0		1,500.0	1,500.0	0.0	1,500.0				
		TOTAL COMMERCE		13,575.0		1,500.0	15,075.0	13,575.0	1,500.0	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
Downey	MR306.18	Staff Support for the Review of the Draft I-710 South EIR/EIS		120.0		0.0	120.0	120.0					
Downey	MR306.20	Paramount Blvd/Firestone Intersection Improvements (Complete)		3,069.0		0.0	3,069.0	3,069.0					
Downey	MR306.42	Firestone Blvd Improvement Project (Old River Rd. to West City Limits)		323.0		0.0	323.0	323.0					
Downey	MR306.31	Lakewood Blvd Improvement Project		6,000.0		0.0	6,000.0	5,000.0	1,000.0				
Downey	MR306.49	Paramount Blvd at Imperial Highway Intersection Improvement Project		3,185.0		0.0	3,185.0	0.0	1,185.0	2,000.0			
		TOTAL DOWNEY		12,697.0		0.0	12,697.0	8,512.0	2,185.0	2,000.0	0.0	0.0	0.0
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					
Huntington Park	MR306.53	Slauson Ave Congestion Relief Improvements		700.0		0.0	700.0		700.0				
		TOTAL HUNTINGTON PARK		715.0		0.0	715.0	15.0	700.0	0.0	0.0	0.0	0.0

ATTACHMENT A

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
Long Beach	MR306.19	Shoemaker Bridge Replacement Project		11,000.0	0.0		11,000.0	5,500.0	2,000.0	3,500.0			
Long Beach	MR306.11	Staff Support for the Review of the Draft I-710 South EIR/EIS		146.0	0.0		146.0	146.0					
Long Beach	MR306.22	Atlantic Ave/Willow St Intersection Improvements		300.0	0.0		300.0	300.0					
Long Beach	MR306.60	Shoreline Drive Realignment Project	Add	0.0	2,800.0		2,800.0	0.0	520.0	2,280.0			
		TOTAL LONG BEACH		11,446.0	2,800.0		14,246.0	5,946.0	2,520.0	5,780.0	0.0	0.0	0.0
Lynwood	MR306.51	Staff Support for the Review of the Draft I-710 South EIR/EIS		20.0	0.0		20.0	20.0					
Lynwood	MR306.54	Imperial Highway Corridor Congestion Relief Improvements	Deob	865.0	(865.0)		0.0						
		TOTAL LYNWOOD		885.0	(865.0)		20.0	20.0	0.0	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					
Maywood	MR306.56	Slauson Ave and Atlantic Congestion Relief Improvements	Add	0.0	445.0		445.0		445.0				
		TOTAL MAYWOOD		65.0	445.0		510.0	65.0	445.0	0.0	0.0	0.0	0.0
Paramount	MR306.13	Staff Support for the Review of the Draft I-710 South EIR/EIS		130.0	0.0		130.0	130.0					
Paramount	MR306.32	Garfield Ave Improvements		2,825.0	0.0		2,825.0	2,825.0					
		TOTAL PARAMOUNT		2,955.0	0.0		2,955.0	2,955.0	0.0	0.0	0.0	0.0	0.0
POLB	MR306.55	Pier B Street Freight Corridor Reconstructon		10,000.0	0.0		10,000.0		10,000.0				
		TOTAL PORT OF LONG BEACH		10,000.0	0.0		10,000.0	0.0	10,000.0	0.0	0.0	0.0	
South Gate	MR306.14	Staff Support for the Review of the Draft I-710 South EIR/EIS		184.5	0.0		184.5	184.5					
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	MR306.50	I-710 Soundwall Project - Package 1 Construction Phase		8,900.0	0.0		8,900.0	200.0	4,500.0	4,200.0			
South Gate	MR306.57	Imperial Highway Improvements Project	Add	0.0	1,456.2		1,456.2		1,456.2				
South Gate	MR306.58	Fireston Blvd at Otis St Improvements	Add	0.0	700.0		700.0		700.0				
		TOTAL SOUTH GATE		27,484.5	2,156.2		29,640.7	18,784.5	6,656.2	4,200.0	0.0	0.0	0.0
Vernon	MR306.15	Staff Support for the Review of the Draft I-710 South EIR/EIS		70.2	0.0		70.2	70.2					
Vernon	MR306.25	Atlantic Blvd Bridge Widening and Rehabilitation		2,070.0	0.0		2,070.0	2,070.0					
		TOTAL VERNON		2,140.2	0.0		2,140.2	2,140.2	0.0	0.0	0.0	0.0	0.0
		TOTAL I-710 SOUTH & EARLY ACTION PROJ		185,664.1	7,351.2		183,015.3	143,528.9	29,908.0	19,395.4	183.0	0.0	0.0

ATTACHMENT A

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY19	FY20	FY21	FY22	FY23
North County: SR-138 Capacity Enhancements				200,000.0		200,000.0	126,800.0	28,000.0	45,200.0		0.0	0.0
Metro	MR330.01	SR-138 (AvenueD) PAVED (I-5 to SR-14)		19,400.0	0.0	19,400.0	19,400.0					
Metro/ Caltrans	MR330.12	SR 138 Segment 6 Construction		5,600.0	0.0	5,600.0	0.0	5,600.0				
TOTAL METRO				25,000.0	0.0	25,000.0	19,400.0	5,600.0	0.0	0.0	0.0	0.0
Lancaster	MR330.02	SR-138 (SR-14) Avenue K Interchange		15,000.0	0.0	15,000.0	15,000.0					
Lancaster	MR330.03	SR-138 (SR-14) Avenue G Interchange		15,000.0	0.0	15,000.0	3,100.0		11,900.0			
Lancaster	MR330.04	SR-138 (SR-14) Avenue J Interchange		10,000.0	0.0	10,000.0	3,300.0		6,700.0			
Lancaster	MR330.05	SR-138 (SR-14) Avenue L Interchange		5,000.0	0.0	5,000.0	1,200.0		3,800.0			
Lancaster	MR330.06	SR-138 (SR-14) Avenue M Interchange		20,000.0	0.0	20,000.0	4,400.0	15,600.0				
TOTAL LANCASTER				65,000.0	0.0	65,000.0	27,000.0	15,600.0	22,400.0	0.0	0.0	0.0
Palmdale	MR330.07	SR-138 Palmdale Blvd. (SR-138) 5th to 10th St. East		25,000.0	0.0	25,000.0	25,000.0					
Palmdale	MR330.08	SR-138 Palmdale Blvd. SB 14 Ramps		25,000.0	0.0	25,000.0	6,600.0	6,800.0	11,600.0			
Palmdale	MR330.09	SR-138 10th St. West Interchange		15,000.0	0.0	15,000.0	15,000.0					
Palmdale	MR330.10	SR-138 (SR-14) Widening Rancho Vista Blvd. to Palmdale Blvd		25,000.0	0.0	25,000.0	25,000.0					
Palmdale	MR330.11	SR-138 Avenue N Overcrossing		20,000.0	0.0	20,000.0	8,800.0		11,200.0			
TOTAL PALMDALE				110,000.0	0.0	110,000.0	80,400.0	6,800.0	22,800.0	0.0	0.0	0.0
TOTAL SR-138 CAPACITY ENH				200,000.0		200,000.0	126,800.0	28,000.0	45,200.0	0.0	0.0	0.0
Total Measure R Spent Inception to Date				1,076,935	8,384	1,075,319	798,172	155,366	112,796	17,290	1,695	0

Definitions:

Lead Agency is the primary project manager for the administration of scope and use of funds

Funding Agreement (FA): references the agreement number on file with Metro

Project Location: Describes the general scope and parameters of the project

Project Phase identifies which lifecycle phase the project is in at the time of reporting noted as follows:

PI - Project Initiation / PE - Preliminary Engineering / EA - Environmental Analysis / FD - Final Design / ROW - Right of Way Acq / CON - Construction

Notes: Provide a quick reference to reported change for the period such as:

Add - Addition of a new project / REP - Reprogram of funds / SCAD - Scope Addition / BAD - Budget Adjustment / DEL - Deletion

Prior Allocation identifies the reported project allocation reported in the previous report

Alloc Change denotes the amount of change occurring in the current reporting period.

Current Allocation identifies the total current allocation planned for a project. This includes the prior year Programming and the sum of the future fiscal years

Subregional Program Performance

<i>Subregional Program</i>	<i>Total Measure R Ordinance Allocation</i>	<i>Metro Board-Programmed Funds</i>	<i>Expenditures to Date</i>
Arroyo Verdugo	\$170	\$85	\$33
I-605 Hot Spots	\$590	\$213	\$113
I-710 Early Action Projects	\$590	\$179	\$118
Las Virgines/Malibu	\$175	\$157	\$110
North County	\$200	\$200	\$35
South Bay	\$906	\$235	\$84

\$1000

\$900

\$800

\$700

\$600

\$500

\$400

\$300

\$200

\$100

\$0

