



Board Report

File #: 2018-0006, File Type: Program

Agenda Number: 8.

AD HOC CONGESTION, HIGHWAY AND ROADS COMMITTEE  
APRIL 11, 2018

**SUBJECT: MEASURE R HIGHWAY SUBREGIONAL PROGRAM  
SEMI-ANNUAL UPDATE**

**ACTION: APPROVE ADOPTION OF UPDATED SUBREGIONAL PROJECT LIST**

**RECOMMENDATION**

CONSIDER:

- A. APPROVING \$20.841 million 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 Imp. (South Bay)
  - I-605 Corridor “Hot Spots” Interchange Imp. In Gateway Cities
  - I-710 South and/or Early Action Projects in Gateway Cities
- B. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements for approved projects

**ISSUE**

The Measure R Highway Subregional Program update allows the 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 already 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.

**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

These Highway Capital Projects are not fully defined in the Measure R Expenditure Plan. Definition and development of specific projects with independent utility are advanced through collaborative efforts by Metro’s Highway Program staff, the subregional authorities/Councils of Governments for the subfund, the project sponsor, and Caltrans for projects on their facilities.

At the October 2017 Board meeting (File#2017-0573), revised project lists and funding allocations for the Highway Capital were approved. This update recommends changes requested by each subregion.

The changes in this update include \$20.841 million in additional programming for 35 projects which are either new or existing, in four subregions - Arroyo Verdugo, Las Virgenes Malibu, Gateway Cities and South Bay - as detailed in Attachment A. Highway Program staff will continue to work closely with each subregion and/or lead agency to identify and deliver Highway Operational Improvement Projects.

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

### **Highway Operational Improvements in Arroyo Verdugo**

The subregion had listed 44 projects to be funded by Measure R Subregional Funds. Of those, 11 projects have been completed. The subregion has invested \$29.3 million of their funds in projects. The 22 active projects are in planning, design, or construction phases. This funding adjustments to 3 existing projects recommended as follows:

#### **City of Glendale**

- Allow design phase work to be reimbursed as eligible expenses for MR310.04 - Grandview and Sonora Ave at-grade Rail Crossing Improvements. The effective date of eligible design work expenses was July 1, 2009, the first collection date of Measure R Sales Taxes. This modification will allow project charges for both design and construction to be eligible expenses for the project. Total expenses for both phases of work are within the life of project budget.
- Program an additional \$370,000 for MR310.13 - Glendale Narrows Bikeway Project. Funds will be programmed in FY18 for a total programmed budget of \$1,246,500. Required coordination with LA County and the U.S. Army Corps of Engineers to obtain construction permits caused significant delays at the beginning of construction, which resulted in escalation

in construction bid item costs.

- Allow design phase work to be reimbursed as eligible expenses for MR310.18 - Sonora Ave. At-grade Rail Safety Upgrade. The effective date of eligible design work expenses was July 1, 2009, the first collection date of Measure R Sales Taxes. This modification will allow project charges for both design and construction to be eligible expenses for the project. Total expenses for both phases of work are within the life of project budget.
- Program an additional \$250,000 for MR310.37 - Verdugo Blvd Traffic Signal Modifications at Vahili Way and SR-2. The \$250,000 will be programmed in FY19, adding to the current \$600,000 budget. The revised project budget is \$850,000. The current signal design required additional roadway modifications. As a result, the construction bids received were higher than the original engineers estimate.
- Program an additional \$250,000 for MR310.41 - Doran St. (from Brand Blvd. to Adams St). The funds will be programmed in FY19 for a total project budget of \$1,450,000. Construction bids for the project came in higher than the engineer's estimate and additional funds are required for construction.
- Reprogram funding for MR310.43 - Verdugo Road Street Improvements Project (Traffic Signal Modification). Move the \$585,000 in previous years programming to FY20. Also, change the title to Verdugo Road Traffic Signal Modifications. While the city will incorporate non traffic signal work in the construction contract the city will provide a segregated estimate to isolate the Measure R work from the non-measure R work.

### **Highway Operational Improvements in Las Virgenes Malibu Subregion**

The subregion had listed 22 projects to be funded by Measure R Subregional Funds. Of those, 9 projects have been completed. The subregion has invested \$94.8 million of their funds in projects. The 11 active projects are in planning, design, or construction phases. This update includes funding adjustments to 4 projects as follows:

#### **City of Agoura Hills**

- Deobligate \$350,000 for MR311.05 - Agoura Road Widening. The revised project budget is \$36,500,000. Funds are being deobligated due to construction capital cost saving. The city desires to reprogram the deobligate funds to another city project MR311.14 - The Kanan Road Overpass Expansion Project Study Report (PSR).
- Program an additional \$350,000 in FY18 for MR311.14 - Kanan Road Overpass (PSR) to cover the anticipated cost of the consultant contract. The additional funds will be programmed in FY18. The revised project budget is \$500,000. Moreover, the project title will be revised to "Kanan Road Corridor from Thousand Oaks Blvd. to Cornell PSR" to reflect the modified project limits.

City of Calabasas

- Deobligate \$500,000 from MR311.20 - Off-ramp for US 101 at Las Virgenes Road. The revised project budget is \$0. The city had programmed funds to improve the operations at the off-ramp as mitigation measure to handle anticipated increases in traffic volumes due to construction at a nearby interchange. Anticipated traffic impacts due to the adjacent project did not materialize and the city no longer wants to move forward with this project. The executed funding agreement for the project will be canceled.
- Program an additional \$2,500,000 for MR310.06 - Lost Hills Overpass and Interchange. The funds will be programmed in FY18 and the revised project budget is \$35,500,000. \$2,000,000 of the additional funding for the project is from the Las Virgenes Malibu Subregion and \$500,000 is from the deobligation of project funds for MR311.20. Design changes are driving change orders which have resulted in construction cost growth.

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

The subregion had listed 77 projects to be funded by Measure R Subregional Funds. Of those, 11 projects have been completed. The subregion has invested \$65.5 million of their funds in projects. The 33 active projects are in planning, design, or construction phases. This update includes 10 new projects and funding adjustments to 4 existing projects recommended as follows:

Metro

- Program an additional \$281,000 in FY18 for MR312.55 - Feasibility Study on I-405 from I-110 to I-105 and I-105 from I-405 to I-110. The total revised project budget is \$881,000. Funds are being added to the project to cover the full cost of the Project Study Report. Additionally, the project title will be revised to reflect the correct project limits (PSR on I-405 from El Segundo Blvd to Artesia Blvd).

Caltrans

- Program \$150,000 for Caltrans IQA reviews of the I-405 PSR from El Segundo Blvd to Artesia Blvd. Caltrans, as the owner operator of the state highways, will review and approve the PSR being prepared for I-405 and requires compensation for their staff time.

County of Los Angeles

- Deobligate \$14,756,700 from MR312.16 - Del Amo Blvd Improvements Project. The revised project budget is \$307,000. The project was completed and a final invoice was submitted for reimbursement. Total invoices for the project at this time are \$306,104.42. Staff will audit and close out the project. The excess funds are being reprogrammed into other projects which will commence work in the coming fiscal year.

City of Hawthorne:

- Program \$1,995,000 for the Imperial Highway Signal Improvements and Intersection Capacity Project from Prairie Ave to Inglewood Ave. The funds will be programmed over 4 fiscal years, FY19, FY20, FY21 and FY22. The total project budget is \$1,995,000. Imperial Highway is a major east-west parallel arterial to I-105 and carries over 34,000 vehicles daily. This project will widen the intersections of Imperial Highway at Hawthorne Blvd, Inglewood Ave, and Freeman Ave to provide additional turning movements. The traffic signals will also be upgraded within the project limits.

Measure R NEXUS to Highway Operational Definition: This is Highway eligible Highway Operational Improvement project which will widen intersections on Imperial Highway and upgrade traffic signals and timing within the project limits. Improvements on Imperial Highway will improve traffic flow, enhance intersection capacity, public transit efficiency and pedestrian safety.

- Program \$3,200,000 for the Rosecrans Ave Signal Improvements and intersection capacity enhancements project over 4 fiscal years FY19, FY20, FY21 and FY22. The total project budget is \$3,200,000. Rosecrans Ave is a major east-west arterial which provides access to I-405 and carries approximately 70,000 vehicles per day. This project will widen the intersections of Rosecrans at Isis Ave, Inglewood Ave, and Prairie Ave to provide additional turning movements. The traffic signals will also be upgraded within the project limits.

Measure R NEXUS to Highway Operational Definition: This is Highway eligible Highway Operational Improvement project which will widen intersections on Imperial and upgrade traffic signals and timing within the project limits. Improvements on Rosecrans Ave will improve traffic flow, enhance intersection capacity, public transit efficiency and pedestrian safety.

- Program \$2,000,000 for El Segundo Boulevard Improvements Project (Phase I) from Van Ness Ave. to Aviation Blvd. The funds will be programmed over 4 fiscal years FY19, FY20, FY21, and FY22. The total project budget is \$2,000,000. El Segundo Ave is a major east-west arterial which provides direct access to I-405 and carries approximately 45,000 vehicles per day. This project will widen the intersections of El Segundo at Van Ness Ave and Isis Ave to provide additional turning movements. The traffic signals will also be upgraded within the project limits.

Measure R NEXUS to Highway Operational Definition: This is Highway eligible Highway Operational Improvement project which will widen intersections on El Segundo Blvd and upgrade traffic signals and timing within the project limits. Improvements on El Segundo Blvd will improve traffic flow, enhance intersection capacity, public transit efficiency and pedestrian safety.

- Program \$600,000 for the El Segundo Blvd at I-405 North Bound and South Bound on/off ramp improvements. The funds will be programmed over 3 fiscal years FY19, FY20 and FY21. The total project budget is \$600,000. El Segundo Blvd is a major east-west arterial which

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provides direct access to I-405 and carries approximately 45,000 vehicles per day. This project will environmentally clear and develop preliminary designs for intersection improvements at the I-405 at El Segundo on/off ramps and at intersections of El Segundo Blvd at La Cienega Blvd and Ocean Gate Ave.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvement project which will widen intersections on El Segundo Blvd at the I-405 on/off ramps and upgrade traffic signals and timing within the project limits. Improvements on El Segundo Blvd will improve traffic flow, enhance intersection capacity, public transit efficiency and pedestrian safety.

City of Inglewood

- Program \$80,000 for the La Cienega Boulevard Signal Synchronization Project between Hill St. and Arbor Vitae St. The funds will be programmed in FY19. The total project budget is \$80,000. La Cienega Blvd is a major north-south arterial which provides direct access to I-405 and carries approximately 85,000 vehicles a day. This project will design and implement traffic signal improvements and develop AM peak, mid-day, PM peak coordination plans for each intersection on La Cienega within the project limits.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvements project which will improve traffic flow and reduce congestion by developing morning, mid-day, and afternoon traffic signal coordination on La Cienega Boulevard.

- Program \$130,000 for the Arbor Vitae Signal Synchronization Project from Aviation Blvd to Prairie Ave. The funds will be programmed in FY19. The total project budget is \$130,000. Arbor Vitae is a major east-west arterial which provides access to I-405, carries 23,000 vehicles a day and experiences delays during peak AM and PM traffic hours. This project will design and implement signal improvements and develop AM, mid-day and PM peak traffic coordination plans for each signalized intersection on Arbor Vitae.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvements project which will improve traffic flow and reduce congestion by developing morning mid-day and afternoon traffic coordination plan on Arbor Vitae.

- Program \$255,000 for the Florence Ave Signal Synchronization Project from Manchester Blvd. to High St. The funds will be programmed in FY19. The total project budget is \$255,000. Florence Avenue is a major east-west arterial which provides direct access to I-405 and carries approximately 35,000 vehicles a day and experiences delays during the am and pm peak traffic hours. This project will design and implement signal improvements and develop, AM, mid-day and PM peak traffic coordination plans on Florence Ave.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvements project which will improve traffic flow and reduce congestion by developing morning mid-day and afternoon traffic coordination plan on Arbor Vitae.

- Deobligate \$1,000,000 from MR312.12 - Intelligent Transportation System (ITS): City of Inglewood Phase IV Master Plan. The revised project budget is \$2,500,000. Funds are being deobligated due to project scope items being reduced and bids coming in below the conceptual project estimate. Additionally, the construction contract has been awarded and the project will be completed within the revised project budget.

#### City of Los Angeles

- Program \$3,580,000 for the Alameda St. Widening Project - East Side Improvements Project. The total project budget for Project Development, Design and ROW is \$3,580,000. Alameda St. is a major north-south arterial which provides direct access to SR-1, SR-47 and the Ports of Los Angeles and Long Beach. Alameda St. experiences delays during the AM and PM peak traffic hours. This project will widen Alameda to a Major Class II Highway from Anaheim St to 300 ft. south of PCH.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvement project which will widen Alameda St to a Class II Highway for improved capacity and operation.

#### Port of Los Angeles

- Program an additional \$2,930,000 for MR312.32 the SR-47/Vincent Thomas Bridge and Front St./Harbor Boulevard Interchange Reconfiguration Project. The funds will be programmed over two fiscal years FY19 and FY20. The total revised project budget for PAED/PS&E is \$3,830,000.

#### City of Redondo Beach

- Program \$992,000 for Kingsdale Ave and Artesia Boulevard Intersection improvement project. The funds will be programmed in FY19. The total project budget is \$992,000. Kingsdale Ave is a north south arterial which provides direct access to the Redondo Beach Transit Center, The South Bay Galleria, Artesia Blvd, and SR-107. This project will fund construction of dual right turn lane on Kingsdale Ave.

Measure R Nexus to Highway Operational Definition: This is an eligible Highway Operational Improvement project which will widen the intersection of Kingsdale Ave at Artesia Blvd to reduce congestion and improve mobility on major arterials.

#### City of Torrance

- Project limits revision for MR312.60 - Del Amo Blvd to Dominguez Street Improvements. The City recently advertised a construction contract and bids came in higher than the original estimated cost for the project. To complete the project, will down scope the proposed improvements. The revised project limits will be Crenshaw Blvd at the intersection of 208<sup>th</sup> St.

and Torrance Transit Center. There is no impact to the project budget and construction is scheduled to start in summer of 2018.

- Program \$2,784,000 for the Plaza del Amo at Western Ave (SR-213) Mobility Enhancements Project. The funds will be programmed over 4 fiscal years FY18, FY19, FY20 and FY21. Plaza del Amo between W 223<sup>rd</sup> St and S.Western Ave is not utilized as through street and restricts access to SR-213. This project will provide a new east-west route between 223<sup>rd</sup> and Western Ave.

Measure R NEXUS to Highway Operational Definition: This is an eligible Highway Operational Improvement project which will provide additional roadway capacity and operational improvements by filling a gap in the local arterial street system.

### **I-605 Corridor “Hot Spots” Interchanges**

The Gateway Cities subregion had listed 54 projects to be funded by Measure R Subregional Funds, investing \$71.8 million of their funds in projects. The 37 active projects are in planning, design, or construction phases. This update includes 2 new projects and adjustments to 6 existing projects recommended by the SR-91/I-605/I-405 Technical Advisory Committee as follows:

#### Gateway Cities COG

- Program an additional \$800,000 for MOU.306.03 - Gateway Cities Council of Governments Engineering Support Services. The revised project budget has increased from \$300,000 to \$1,100,000. Funds will be programmed as follows: \$900,000 in Prior Years and \$200,000 in FY19. The revised budget is \$1,100,000. The programming of additional funds is to cover support services required and to equally cost share expenditures between the I-710 Early Action Projects and the I-605 Hot Spots programs. The additional funds will cover only 1 year of work, through April 30, 2019.

#### City of Bellflower

- Program an additional \$1,132,800 for MR315.16 - Bellflower Blvd at Artesia Blvd Intersection Improvement Project. The funds will be programmed in FY18. The revised project budget is \$8,442,800. The project budget increase is the result of changes in scope including additional property acquisition and new improvements, required by Caltrans for approval. These funds will be for the construction phase of the project.
- Program an additional \$358,000 for MR315.33 - Lakewood Blvd at Alondra Blvd Intersection Improvement Project. The funds will be programmed in FY18. The revised project budget is \$1,002,000. The project budget increase is the result of additional scope requirements, including traffic signal modifications, deeper pavements sections, and more extensive pavement replacement within the intersection.



City of Downey

- Project limits revision for MR315.14 - Lakewood Blvd at Imperial Hwy Intersection Improvements. In October 2017, board report number 2017-5373, identified the following incorrect project limits, Lakewood Blvd at Firestone Blvd Improvements. The correct project limits are Lakewood Blvd at Imperial Hwy. There is no change in funding to the project budget.
- Program an additional \$3,615,000 for MR315.27 - Lakewood Blvd at Florence Ave Intersection Improvements. Funds will be programmed as follows: \$3,615,000 in FY18. The revised budget is \$4,945,000. This project proposes to widen Lakewood Blvd in both directions by adding additional SB and NB left turn lane, and a WB right turn lane reducing the queuing during peak periods. The additional funding is for the environmental, PS&E, right-of-way acquisition, and utility relocation. The original budget was based on a planning-level estimate and did not consider required ADA clearances. Funding for construction will be requested once Final Design is completed.
- Program an additional \$1,300,000 for Lakewood Blvd at Firestone Blvd Intersection Improvements. The funds will be programmed in FY18. Lakewood Blvd, formerly State Route - 19 (SR-19), at the intersection of Firestone Blvd, experiences heavy traffic delays in morning and in the afternoon from 4-7 pm. This intersection is operating at a deficient level of service.

Measure R NEXUS to Highway Operational Definition: This project proposes intersection improvements to reduce congestion at the Lakewood Blvd and Firestone Blvd Intersection. The improvements will improve traffic flow on this major arterial. This is an eligible Measure R Highway Operational Improvement.

City of Long Beach

- Program \$1,450,000 for the Artesia Boulevard Project. The funds will be programmed in FY18. The total project cost estimate is \$22,500,000. The city has other funding totaling \$6,500,000. The funding is requested for the Preliminary Engineering and Environmental Document phase.

Measure R NEXUS to Highway Operational Definition: This project proposes operational improvements to reduce congestion along Artesia Boulevard and improve speed and reliability for general purpose traffic flow. Improving operational conditions along Artesia Blvd. will enhance conditions on arterials parallel to SR-91 and improve both safety and mobility. This is an eligible Measure R Highway Operational Improvement.

City of Norwalk

- Program \$2,000,000 for the Firestone Boulevard Widening Project. The funds will be programmed as follows: \$2,000,000 in FY18. The funding is being requested for Environmental document and preliminary Engineering Phase (PAED). This project proposes to add an additional travel lane in each direction, install Class II and III bike lanes, and reconstruct sidewalks and medians. The project cross section will reduce bottlenecks along

the Firestone corridor once the I-605 Freeway Interchange is constructed.

Measure R NEXUS to Highway Operational Definition: This eligible Highway Operational Improvement project will address operational deficiencies, improve traffic flow, and increase mobility within the region.

### **I-710 South and/or Early Action Projects**

The Gateway Cities subregion had listed 16 projects to be funded by Measure R Subregional Funds. Of those, 3 projects have been completed. The subregion has invested \$75 million of their funds in projects. The 10 active projects are in planning, design, or construction phases. This update includes 1 new project and funding adjustments to 5 existing projects recommended by the I-710 Technical Advisory Committee as follows:

#### Metro

- Program an additional \$200,000 in FY19 for utility relocation design services to Southern California Edison (SCE) in support of the I-710 Soundwall Early Action Package 3 (MR306.47). The total revised programmed amount for utility relocation design of SCE is \$400,000.

#### Gateway Cities COG

- Deobligate \$600,000 for MOU.306.03 - Gateway Cities Council of Governments Engineering Support Services. Funds will be programmed in Prior Years. The revised budget is \$1,100,000. The reduction of programmed funds from the I-710 South/Early Action project list is to cost share required support services utilized for both I-605 Hots Spots Program and I-710 Early Action Project programs. Funds for engineering and support services will cover only 1 year of work, through April 30, 2019.

#### City of Bell

- Deobligate \$2,173,153 from MR306.44 - Gage Avenue Bridge Improvement Project. The programmed amount for this project will be reduced from \$2,240,000 to \$66,847. The funds are being programmed by phase and Measure R funds is being used as the local contribution to a federally awarded Highway Bridge Program (HBP) grant. The initial phase to be programmed is Project Approval and Environmental Document. The funds will be reprogrammed as follows: \$66,847 in FY19 for a total project budget of \$66,847.
- Deobligate \$2,000,112 from MR306.45 - Slauson Avenue Bridge Improvement Project. The programmed amount for this project will be reduced from \$2,040,000 to \$39,888. The funds are being programmed by phase and Measure R is being used as the local contribution to a federally awarded Highway Bridge Program (HBP) grant. The initial phase to be programmed is Project Approval and Environmental Document. The funds will be reprogrammed as follows: \$39,888 in FY19 for a total project budget of \$39,888.

City of Bell Gardens

- Deobligate \$36,400 from MR306.30 - Eastern Avenue and Florence Avenue RSTI Project. The programmed amount for this project will be reduced from \$1,221,000 to \$1,184,713. Measure R is being used as a local match to Call for Project number F7120. Project costs have been revised to a lower amount and Measure R can only contribute a specific percentage of the total project cost. As a result, Measure R contributions have been lowered to match the revised project cost. The remaining funds will be reprogrammed as follows: \$623,044 in FY17 and \$561,669 in FY18 for a total project budget of \$1,184,713..

City of Downey

- Program \$3,185,000 for the Paramount Boulevard/Imperial Highway Intersection Improvement Project. Funding will be programmed over two Fiscal Years: \$1,185,000 in FY19 and \$2,000,000 in FY20. The total project budget is \$3,185,000. This project includes double left-turn lanes in the southbound and westbound directions, widening along the east and west sides of Paramount Boulevard to provide sufficient width for the double left-turn lanes, the reconstruction of the raised median islands along Paramount Blvd., pavement reconstruction and rehabilitation of the intersection and approaches, modification of traffic signal, and incidental striping, signage, and pavement markings.

Measure R NEXUS to Highways Operational Definition: This project is to address current and future traffic projections reflected in the I-710 Corridor Project EIR/EIS. The Paramount Boulevard/Imperial Highway intersection is defined as a major intersection and operates at a LOS of "F" during peak hours. Paramount Boulevard and Imperial Highway are both major arterials that carry regional traffic. The project is necessary in order to alleviate congestion at the intersection by improving the LOS at the intersections to "C" and "D" during peak hours.

Long Beach

- Program an additional \$5,500,000 for FY19 and FY20 for the Shoemaker Bridge Replacement Project (MR306.19). The funds will be re-programmed as follows: \$4,000,000 in Prior Years, \$1,500,000 in FY17, \$2,000,000 in FY19 and \$3,500,000 in FY20. The additional funding is necessary to support the finalization of the project's environmental phase, including preliminary design. The total re-programmed amount for Shoemaker Bridge Replacement Project is \$11,000,000.

**State Route 138 Capacity Enhancements**

The subregion has executed 11 agreements for projects along the SR-138/SR-14 in Palmdale and Lancaster, which are in planning, design, or construction phases, and has invested \$28 million of their funds in projects.

## **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**

Funding for the highway projects is from the Measure R 20% Highway Capital subfund earmarked for the subregions. Funds are available for Arroyo Verdugo (Project No. 460310), Las Virgenes Malibu (Project No. 460311), and South Bay (Project No. 460312) subregions in FY18 budget. These three programs are in the FY18 Budget under Cost Center 0442 in Account 54001 (Subsidies to Others).

Funding for the SR-138 Project Approval and Environmental Document (September 2012 Board Action) is included in the FY18 budget under project No. 461330, Cost Center 4730 in Account 50316. 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 included in Project No. 460314, Cost Center 0442, Account 54001 (Subsidies to Others), 461314, Task 5.2.100; 462314, Task 5.2.100; 463314, Task 5.2.100; 463714, Task 5.2.100; 468314, Task 5.3.100; 469314, Task 5.3.100; 460345, Task 5.2.100; 460346, Task 5.2.100; in Cost Centers 4720 and 4730, Account 50316 (Professional Services); 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 FY18 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**

Should additional funds be required for FY18, staff will revisit the budgetary needs using the mid-year adjustment process.

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.

## **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 be inconsistent with Board direction given at the time of the 2009 L RTP adoption and may delay the development and delivery of projects.

**NEXT STEPS**

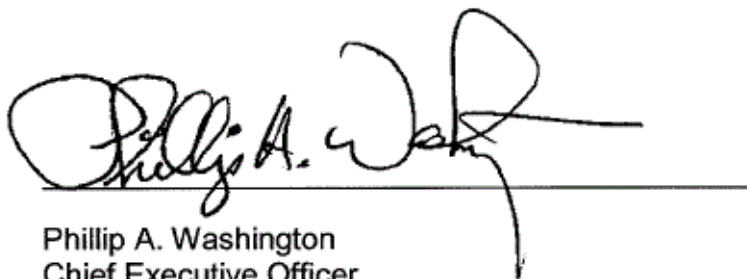
Metro Highway Program Staff will continue to work with the subregions to identify and deliver projects. As work progresses, updates will be provided to the Board on a semi-annual and as-needed basis.

**ATTACHMENT**

Attachment A - Measure R Highway Subregional Project List

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Reviewed by: Richard F. Clarke, Chief Program Management Officer, (213) 922-7557



Phillip A. Washington  
Chief Executive Officer

**ATTACHMENT A**

<b>Measure R Highway Operational Improvements Projects</b>													
<i>(Dollars in Thousands)</i>													
			<b>HIGHWAY OPS IMP GRAND TOTAL</b>										
				1,014,561		20,841	1,035,403	729,940	130,460	106,684	70,699	14,025	1,695
<b>Lead Agency</b>	<b>Fund Agr (FA) No.</b>	<b>PROJECT/LOCATION</b>	<b>Notes</b>	<b>Prior</b>	<b>Alloc</b>	<b>Alloc Change</b>	<b>Current Alloc</b>	<b>Prior Yr Program</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>
<b>Arroyo Verdugo Operational Improvements</b>				<b>67,506.3</b>	<b>870.0</b>	<b>68,376.3</b>	<b>37,352.2</b>	<b>14,175.2</b>	<b>7,350.0</b>	<b>2,135.0</b>	<b>7,364.0</b>	<b>0.0</b>	
Burbank	MR310.06	San Fernando Blvd. / Burbank Blvd. Intersection		2,325.0	0.0	2,325.0	590.0	1,735.0					
Burbank	MR310.07	Widen Magnolia Blvd / I-5 Bridge for center-turn lane		3,967.0	0.0	3,967.0	0.0	250.0				3,717.0	
Burbank	MR310.08	I-5 Corridor Arterial Signal Improvements <b>(Completed)</b>		2,600.0	0.0	2,600.0	2,600.0						
Burbank	MR310.09	SR-134 Corridor Arterial Signal Improvements		2,975.0	0.0	2,975.0	2,975.0						
Burbank	MR310.10	Widen Olive Ave / I-5 Bridge for center-turn lane		3,897.0	0.0	3,897.0	0	250.0				3,647.0	
Burbank	MR310.11	Olive Ave. / Verdugo Ave. Intersection Improvement		1,600.0	0.0	1,600.0	1,600.0						
Burbank	MR310.23	Chandler Bikeway Extension <b>(call match) F7506</b>		659.8	0.0	659.8	185.8	474.0					
Burbank	MR310.31	SR-134 Corridor Arterial Signal Improvements - Phase 2		1,300.0	0.0	1,300.0	0.0	1,300.0					
Burbank	MR310.33	Media District Traffic Signal Improvements		1,400.0	0.0	1,400.0	0.0	1,400.0					
Burbank	MR310.38	I-5 Corridor Arterial Signal Improvements - Phase 2		800.0	0.0	800.0	0.0	800.0					
Burbank	MR310.46	Glenoaks Blvd Arterial and First St Signal Improvements		1,900.0	0.0	1,900.0	0.0	500.0	1,400.0				
<b>TOTAL BURBANK</b>				<b>23,423.8</b>	<b>0.0</b>	<b>23,423.8</b>	<b>7,950.8</b>	<b>6,709.0</b>	<b>1,400.0</b>	<b>0.0</b>	<b>7,364.0</b>	<b>0.0</b>	
Glendale	MR310.01	Fairmont Ave. Grade Separation at San Fernando Rd. <b>(Construction) (Completed)</b>		1,658.7	0.0	1,658.7	1,658.7						
Glendale	MR310.02	Fairmont Ave. Grade Sep. at San Fernando -- Design <b>(FA canceled and funds previously moved to MR310.01)</b>		0.0	0.0	0.0	0.0						
Glendale	MR310.04	San Fernando/Grandview At-Grade Rail Crossing Imp. <b>(Completed)</b>	Chg	1,850.0	0.0	1,850.0	1,850.0						
Glendale	MR310.05	Central Ave Improvements / Broadway to SR-134 EB Offramp <b>(Completed)</b>		3,250.0	0.0	3,250.0	3,250.0						
Glendale	MR310.13	Glendale Narrows Bikeway Culvert	Chg	876.5	370.0	1,246.5	876.5	370.0					
Glendale	MR310.14	Verdugo Road Signal Upgrades <b>(Completed)</b>		557.0	0.0	557.0	557.0						
Glendale	MR310.16	SR-134 / Glendale Ave. Interchange Modification		1,585.5	0.0	1,585.5	1,585.5						
Glendale	MR310.17	Ocean View Blvd. Traffic Signals Installation and Modification		1,000.0	0.0	1,000.0	1,000.0						
Glendale	MR310.18	Sonora Avenue At-Grade Rail Crossing Safety Upgrade <b>(Completed)</b>	Chg	2,700.0	0.0	2,700.0	2,700.0						
Glendale	MR310.19	Traffic Signal Sync Brand / Colorado-San Fernando / Glendale-Verdugo <b>(Completed)</b>		340.9	0.0	340.9	340.9						
Glendale	MR310.20	Verdugo Rd / Honolulu Ave / Verdugo Blvd Intersection Modification <b>(Completed)</b>		397.3	0.0	397.3	397.3						
Glendale	MR310.21	Colorado St. Widening between Brand Blvd. and East of Brand Blvd. <b>(Completed)</b>		350.0	0.0	350.0	350.0						
Glendale	MR310.22	Glendale Narrows Riverwalk Bridge		600.0	0.0	600.0	600.0						

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
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)		165.0	0.0	165.0	165.0					
Glendale	MR310.28	Pennsylvania Ave Signal at I-210 On/Off-Ramps		400.0	0.0	400.0	400.0					
Glendale	MR310.32	Regional Arterial Performance Measures (Call Match) F7321		100.0	0.0	100.0	0.0	100.0				
Glendale	MR310.34	Regional Bike Stations (Call Match) F7709		332.1	0.0	332.1	0.0	332.1				
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		1,500.0	0.0	1,500.0	1,500.0					
Glendale	MR310.37	Verdugo Boulevard Traffic Signal Modification at Vahili Way and SR-2	Chg	600.0	250.0	850.0	0.0	50.0	800.0			
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		3,315.0	0.0	3,315.0	3,315.0					
Glendale	MR310.41	Doran St. (From Brand Blvd. to Adams St.)	Chg	1,200.0	250.0	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	0.0	585.0	0.0			585.0		
Glendale	MR310.47	Traffic Signals on Glenwood Rd. and Modificaitons on La Crescenta and Central Ave.		1,200.0	0.0	1,200.0	0.0	1,200.0				
Glendale	MR310.48	San Frenando Rd and Los Angeles Street Traffic Signal Installation & Intersection Modification		400.0	0.0	400.0	0.0	400.0				
Glendale	MR310.49	Traffic Signal Modification & Upgrades on Honolulu Ave		1,800.0	0.0	1,800.0	0.0	150.0	1,650.0			
		<b>TOTAL GLENDALE</b>		<b>33,950.5</b>	<b>870.0</b>	<b>34,820.5</b>	<b>22,613.4</b>	<b>4,122.1</b>	<b>5,950.0</b>	<b>2,135.0</b>	<b>0.0</b>	<b>0.0</b>
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	1,200.0	600.0				
		<b>TOTAL LA CANADA FLINTRIDGE</b>		<b>6,388.0</b>	<b>0.0</b>	<b>6,388.0</b>	<b>5,788.0</b>	<b>600.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
LA County	MR310.44	Soudwalls on Interstate I-210 in LA Crescenta-Montrose		3,044.0	0.0	3,044.0	1,000.0	2,044.0				
		<b>TOTAL LA COUNTY</b>		<b>3,044.0</b>	<b>0.0</b>	<b>3,044.0</b>	<b>1,000.0</b>	<b>2,044.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Metro/Caltrans	MR310.29	NBSSR on I-210 frm Pennsylvania Ave. to West of SR-2		700.0	0.0	700.0	0.0	700.0				
		<b>TOTAL METRO</b>		<b>700.0</b>	<b>0.0</b>	<b>700.0</b>	<b>0.0</b>	<b>700.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>TOTAL ARROYO VERDUGO OPS IMPS</b>		<b>67,506.3</b>	<b>870.0</b>	<b>68,376.3</b>	<b>37,352.2</b>	<b>14,175.2</b>	<b>7,350.0</b>	<b>2,135.0</b>	<b>7,364.0</b>	<b>0.0</b>

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
<b>Las Virgenes/Malibu Operational Improvements</b>				154,651.0	2,000.0	156,651.0	128,301.0	16,350.0	12,000.0	0.0	0.0	0.0
Westlake Village	MR311.01	Lindero Canyon Road Interchange, Phase 3A Design		443.7	0.0	443.7	343.7	100.0				
Westlake Village	MR311.02	Highway 101 Park and Ride Lot ( <b>Design Completed</b> )		243.7	0.0	243.7	243.7					
Westlake Village	MR311.10	Rte 101/ Lindero Cyn. Rd. Interchange Improvements, Phase 3B,4B Construction ( <b>Completed</b> )		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 ( <b>Completed</b> )		4,943.6	0.0	4,943.6	4,943.6					
<b>TOTAL WESTLAKE VILLAGE</b>				18,301.0	0.0	18,301.0	18,201.0	100.0	0.0	0.0	0.0	0.0
Agoura Hills	MR311.03	Palo Comando Interchange		11,000.0	0.0	11,000.0	4,000.0	2,000.0	5,000.0			
Agoura Hills	MR311.04	Aguora Road/Kanan Road Intersection Improvements		1,000.0	0.0	1,000.0	1,000.0					
Agoura Hills	MR311.05	Agoura Road Widening ( <b>Completed</b> )	Chg	36,850.0	(350.0)	36,500.0	36,500.0					
Agoura Hills	MR311.14	Kanan Road Corridor from Thousand Oaks Blvd to Cornell Road PSR	Chg	150.0	350.0	500.0	150.0	350.0				
Agoura Hills	MR311.15	Agoura Hills Multi-Modal Center		100.0	0.0	100.0	100.0					
<b>TOTAL AGOURA HILLS</b>				49,100.0	0.0	49,100.0	41,750.0	2,350.0	5,000.0	0.0	0.0	0.0
Calabasas	MR311.06	Lost Hills Overpass and Interchange	Chg	33,000.0	2,500.0	35,500.0	33,000.0	2,500.0				
Calabasas	MR311.07	Mulholland Highway Scenic Corridor Completion ( <b>Completed</b> )		4,389.8	0.0	4,389.8	4,389.8					
Calabasas	MR311.08	Las Virgenes Scenic Corridor Widening		5,746.2	0.0	5,746.2	5,746.2					
Calabasas	MR311.09	Parkway Calabasas/US 101 SB Offramp ( <b>Completed</b> )		214.0	0.0	214.0	214.0					
Calabasas	MR311.20	Off-Ramp for US 101 at Las Virgenes Road ( <b>Cancelled</b> )	Chg	500.0	(500.0)	0.0	0.0					
Calabasas	MR311.33	Park and Ride Lot on or about 23577 Calabasas Road (near Route 101) ( <b>Completed</b> )		3,700.0	0.0	3,700.0	3,700.0					
<b>TOTAL CALABASAS</b>				47,550.0	2,000.0	49,550.0	47,050.0	2,500.0	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	FY18	FY19	FY20	FY21	FY22
Malibu	MR311.24	Malibu/Civic Center Way Widening		4,000.0	0.0	4,000.0	3,000.0	1,000.0				
Malibu	MR311.26	PCH-Raised Median and Channelization from Webb Way to Corral Canyon Road		6,950.0	0.0	6,950.0	3,950.0	3,000.0				
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 <b>(Completed)</b>		900.0	0.0	900.0	900.0					
Malibu	MR311.29	PCH Regional Traffic Message System (CMS)		2,500.0	0.0	2,500.0	1,000.0	1,000.0	500.0			
Malibu	MR311.30	PCH Roadway and Bike Route Improvements fr. Busch Dr. to Western City Limits <b>(Completed)</b>		500.0	0.0	500.0	500.0					
Malibu	MR311.32	PCH and Big Rock Dr. Intersection and at La Costa Area Pedestrian Improvements		950.0	0.0	950.0	950.0					
Malibu	MR311.35	Pacific Coast Highway Shoulder Improvements (Various Locations)		3,500.0	0.0	3,500.0	2,000.0	1,500.0				
Malibu	MR311.11	PCH Signal System Improvements from John Tyler Drive to Topanga Canyon Blvd		13,700.0	0.0	13,700.0	4,300.0	4,900.0	4,500.0			
		<b>TOTAL MALIBU</b>		<b>34,000.0</b>	<b>0.0</b>	<b>34,000.0</b>	<b>17,600.0</b>	<b>11,400.0</b>	<b>5,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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			
		<b>TOTAL HIDDEN HILLS</b>		<b>5,700.0</b>	<b>0.0</b>	<b>5,700.0</b>	<b>3,700.0</b>	<b>0.0</b>	<b>2,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>TOTAL LAS VIRGENES/MALIBU OPS IMPS</b>		<b>154,651.0</b>	<b>2,000.0</b>	<b>156,651.0</b>	<b>128,301.0</b>	<b>16,350.0</b>	<b>12,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
<b>South Bay I-405, I-110, I-105, &amp; SR-91 Ramp / Interchange Imps</b>				233,026.9	3,220.3	236,247.3	151,695.5	34,142.7	30,103.0	13,847.0	4,764.0	1,695.0
SBCCOG	MR312.01	South Bay Cities CCS Program Development & Oversight and Program Administration <i>(Project Development Budget Testbed)</i>		13,375.0	0.0	13,375.0	11,664.0	500.0	594.0	617.0		
		<b>TOTAL SBCCOG</b>		13,375.0	0.0	13,375.0	11,664.0	500.0	594.0	617.0	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					
Metro/Caltrans	MR312.24	I-110 Aux lane from SR-91 to Torrance Blvd Aux lane & I-405/I-110 Connector		15,100.0	0.0	15,100.0	9,350.0	5,750.0				
Metro/Caltrans	MR312.25	I-405 at 182nd St. / Crenshaw Blvd Improvements		24,400.0	0.0	24,400.0	4,000.0	5,900.0	7,900.0	6,600.0		
Caltrans	MR312.29	ITS: Pacific Coast Highway and Parallel Arterials From I-105 to I-110		9,000.0	0.0	9,000.0	9,000.0					
Caltrans	MR312.45	PAED Integrated Corridor Management System (ICMS) on I-110 from Artesia Blvd and I-405		1,000.0	0.0	1,000.0	0.0		1,000.0			
Caltrans	MR312.77	I-405 IQA Review for PSR (El Segundo to Artesia Blvd)	Add	0.0	150.0	150.0	0.0		150.0			
		<b>TOTAL CALTRANS</b>		54,857.0	150.0	55,007.0	27,707.0	11,650.0	9,050.0	6,600.0	0.0	0.0
Carson	MR312.37	Sepulveda Blvd widening from Alameda Street to ICTF Driveway		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	65.0	85.0				
Carson	MR312.41	Traffic Signal Upgrades at 10 Intersections		1,400.0	0.0	1,400.0	500.0	900.0				
		<b>TOTAL CARSON</b>		1,550.0	0.0	1,550.0	565.0	985.0	0.0	0.0	0.0	0.0
El Segundo	MR312.22	Maple Ave Improvements from Sepulveda Blvd to Parkview Ave. <b>(Completed)</b>		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					
		<b>TOTAL EL SEGUNDO</b>		3,250.0	0.0	3,250.0	3,250.0	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	FY18	FY19	FY20	FY21	FY22
Gardena	MR312.17	Rosecrans Ave Improvements from Vermont Ave to Crenshaw Blvd <b>(Completed)</b>		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) <b>(Completed)</b>		393.0	0.0	393.0	393.0					
Gardena	MR312.21	Vermont Ave Improvements from Rosecrans Ave to 182nd Street <b>(Completed)</b>		2,090.3	0.0	2,090.3	2,090.3					
Gardena	MR312.02	Traffic Signal Reconstruction on Vermont at Redondo Beach Blvd and at Rosecrans Ave.		1,500.0	0.0	1,500.0	40.0	1,460.0				
Gardena	MR312.09	Artesia Blvd Arterial Improvements from Western Ave to Vermont Ave		2,523.0	0.0	2,523.0	80.0	180.0	2,263.0			
		<b>TOTAL GARDENA</b>		11,473.3	0.0	11,473.3	7,570.3	1,640.0	2,263.0	0.0	0.0	0.0
Hawthorne	MR312.03	Rosecrans Ave Widening from I-405 SB off ramp to Isis Ave <b>(Completed)</b>		2,100.0	0.0	2,100.0	2,100.0					
Hawthorne	MR312.33	Aviation Blvd at Marine Ave Intersection Improvements (Westbound right turn lane)		3,600.0	0.0	3,600.0	3,600.0					
Hawthorne	MR312.44	Hawthorne Blvd Improvements from El Segundo Blvd to Rosecrans Ave <b>(Completed)</b>		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	200.0	418.0	619.0			
Hawthorne	MR312.54	Intersection widening & traffic signal modifications on Inglewood Ave at El Segundo Blvd; on Crenshaw Blvd At Pacific Beach on Grandview at 126th St. and on 120th St.		2,000.0	0.0	2,000.0	1,000.0	1,000.0				
Hawthorne	MR312.61	Hawthorne Blvd Arterial Improvements, from 126th St to 111th St.		4,400.0	0.0	4,400.0	600.0	1,000.0	2,800.0			
Hawthorne	MR312.66	Imperial Ave Signal Improvements and Intersection Capacity Project	Add	0.0	1,995.0	1,995.0	0.0	0.0	200.0	700.0	600.0	495.0
Hawthorne	MR312.67	Rosecrans Ave Signal Improvements and Intersection Capacity Enhancements.	Add	0.0	3,200.0	3,200.0	0.0	0.0	500.0	1,000.0	1,200.0	500.0
Hawthorne	MR312.68	El Segundo Blvd Improvements Project Phase I	Add	0.0	2,000.0	2,000.0	0.0	0.0	400.0	400.0	500.0	700.0
Hawthorne	MR312.69	El Segundo Blvd Improvements Project Phase II	Add	0.0	600.0	600.0	0.0	0.0	100.0	300.0	200.0	
		<b>TOTAL HAWTHORNE</b>		20,888.0	7,795.0	28,683.0	15,051.0	2,418.0	4,619.0	2,400.0	2,500.0	1,695.0
Hermosa Beach	MR312.05	PCH (SR-1/PCH) Improvements between Anita St. and Artesia Boulevard		498.0	0.0	498.0	304.0	194.0				
Hermosa Beach	MR312.38	Pacific Coast Highway at Aviation Blvd Intersection Improvements (Southbound left turn lanes)		872.0	0.0	872.0	872.0					
Hermosa Beach	MR312.63	PAVED on PCH from Aviation Blvd to Prospect Ave		1,800.0	0.0	1,800.0	400.0	1,400.0				
		<b>TOTAL HERMOSA BEACH</b>		3,170.0	0.0	3,170.0	1,576.0	1,594.0	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	FY18	FY19	FY20	FY21	FY22
Inglewood	MR312.12	Intelligent Transportation System (ITS): City of Inglewood Citywide ITS Master Plan		3,500.0	(1,000.0)	2,500.0	2,500.0					
Inglewood	MR312.50	ITS: Phase V - Communication Gap Closure on Various Locations, ITS Upgrade and Arterial Detection		384.0	0.0	384.0	0.0	192.0	192.0			
Inglewood	MR312.70	Prairie Ave Signal Synchronization Project		205.0	0.0	205.0	0.0	205.0				
Inglewood	MR312.71	La Cienega Blvd Synchronization Project	Add	0.0	80.0	80.0	0.0	0.0	80.0			
Inglewood	MR312.72	Arbor Vitae Synchronization Project	Add	0.0	130.0	130.0	0.0	0.0	130.0			
Inglewood	MR312.73	Florence Ave Synchronization Project	Add	0.0	255.0	255.0	0.0	0.0	255.0			
		<b>TOTAL INGLEWOOD</b>		<b>4,089.0</b>	<b>(535.0)</b>	<b>3,554.0</b>	<b>2,500.0</b>	<b>397.0</b>	<b>657.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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 <b>(Call Match) F7207</b>		1,313.0	(0.0)	1,313.0	262.6	1,050.4				
LA City	MR312.48	Alameda St. (South) Widening frm. Anaheim St. to Harry Bridges Blvd		2,875.0	0.0	2,875.0	0.0	2,875.0				
LA City	MR312.74	Alameda St. (East) Widening Project	Add	0.0	3,580.0	3,580.0	0.0	0.0	1,000.0	1,000.0	1,580.0	
		<b>TOTAL LA CITY</b>		<b>4,288.0</b>	<b>3,580.0</b>	<b>7,868.0</b>	<b>362.6</b>	<b>3,925.4</b>	<b>1,000.0</b>	<b>1,000.0</b>	<b>1,580.0</b>	<b>0.0</b>
LA County	MR312.16	Del Amo Blvd improvements from Western Ave to Vermont Ave	Chg	15,063.7	(14,756.7)	307.0	307.0	0.0	0.0			
LA County	MR312.52	ITS: Improvements on South Bay Arterials		1,021.0	0.0	1,021.0	0.0	401.0	620.0			
LA County	MR312.64	South Bay Arterial System Detection Project		2,000.0	0.0	2,000.0	0.0	1,000.0	1,000.0			
		<b>TOTAL LA COUNTY</b>		<b>18,084.7</b>	<b>(14,756.7)</b>	<b>3,328.0</b>	<b>307.0</b>	<b>1,401.0</b>	<b>1,620.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Lawndale	MR312.15	Inglewood Ave Widening from 156th Street to I-405 Southbound on-ramp	Chg	43.0	0.0	43.0	43.0					
Lawndale	MR312.36	ITS: City of Lawndale Citywide Improvements <b>(completed)</b>		878.3	0.0	878.3	878.3					
Lawndale	MR312.49	Redondo Beach Blvd Mobility Improvements from Prairie to Artesia <b>(Call Match) F9101</b>		1,039.3	0.0	1,039.3	273.0	766.3				
Lawndale	MR312.31	Manhattan Bch Blvd at Hawthorne Blvd Left Turn Signal Improvements		508.0	0.0	508.0	0.0	300.0	208.0			
		<b>TOTAL LAWDALE</b>		<b>2,468.6</b>	<b>0.0</b>	<b>2,468.6</b>	<b>1,194.3</b>	<b>1,066.3</b>	<b>208.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
Lomita	MR312.43	Intersection Improvements at Western/Palos Verdes Dr and PCH/Walnut		1,506.0	0.0	1,506.0	900.0	606.0				
		<b>TOTAL LOMITA</b>		1,506.0	0.0	1,506.0	900.0	606.0	0.0	0.0	0.0	0.0
Manhattan Beach	MR312.04	Sepulveda Blvd at Marine Ave Intersection Improvements (West Bound left turn lanes) <b>(Completed)</b>		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	50.0	850.0				
		<b>TOTAL MANHATTAN BEACH</b>		12,826.5	0.0	12,826.5	11,976.5	850.0	0.0	0.0	0.0	0.0
Metro/Caltrans	MR312.30	Feasibility Study for I-405 from I-110 to I-105 and I-105 from I-405 to I-110		600.0	0.0	600.0	0.0	600.0				
Metro/Caltrans	MR312.55	PSR I-405 from El Segundo Blvd to Artesia Blvd	Chg	600.0	281.0	881.0	0.0	881.0				
Metro/Caltrans	TBD	Western Ave. (SR-213) from Palos Verdes Drive North to Gardena -- PSR		170.0	0.0	170.0	70.0	100.0				
Metro/Caltrans	TBD	SR-1 from Eastern Boundary of Carson to Eastern Boundary of Torrance -- PSR		170.0	0.0	170.0	70.0	100.0				
Metro	0000020331-9 4010-2540-01-40	South Bay Arterial Baseline Conditions Analysis <b>(Completed)</b>		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					
		<b>TOTAL METRO</b>		3,290.0	281.0	3,571.0	1,890.0	1,681.0	0.0	0.0	0.0	0.0
Rancho Palos Verdes	MR312.39	Western Ave. (SR-213) from Palos Verdes Drive North to 25th street -- PSR		90.0	0.0	90.0	30.0	60.0				
		<b>TOTAL RANCHO PALOS VERDES</b>		90.0	0.0	90.0	30.0	60.0	0.0	0.0	0.0	0.0
POLA	MR312.32	SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd	Chg	900.0	2,930.0	3,830.0	900.0		700.0	2,230.0		
		<b>PORT OF LOS ANGELES</b>		900.0	2,930.0	3,830.0	900.0	0.0	700.0	2,230.0	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	FY18	FY19	FY20	FY21	FY22
Redondo Beach	MR312.06	Pacific Coast Highway improvements from Anita Street to Palos Verdes Blvd		1,400.0	0.0	1,400.0	1,400.0					
Redondo Beach	MR312.07	Pacific Coast Highway at Torrance Blvd intersection improvements (Northbound right turn lane)		586.0	0.0	586.0	586.0					
Redondo Beach	MR312.08	Pacific Coast Highway at Palos Verdes Blvd intersection improvements (WB right turn lane)		389.0	0.0	389.0	320.0	69.0				
Redondo Beach	MR312.13	Aviation Blvd at Artesia Blvd intersection improvements (Completed) (Eastbound right turn lane)		22.0	0.0	22.0	22.0					
Redondo Beach	MR312.14	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Eastbound right turn lane) (Completed)		30.0	0.0	30.0	30.0					
Redondo Beach	MR312.20	Aviation Blvd at Artesia Blvd intersection improvements (Northbound right turn lane)		847.0	0.0	847.0	847.0					
Redondo Beach	MR312.42	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Southbound right turn lane)		5,175.0	0.0	5,175.0	5,175.0					
Redondo Beach	MR312.75	Kingsdale Ave at Artesia Blvd Intersection Improvements	Add	0.0	992.0	992.0	0.0	0.0	992.0			
		<b>TOTAL REDONDO BEACH</b>		<b>8,449.0</b>	<b>992.0</b>	<b>9,441.0</b>	<b>8,380.0</b>	<b>69.0</b>	<b>992.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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	10,300.0	5,000.0				
Torrance	MR312.40	Pacific Coast Highway at Vista Montana/Anza Ave Intersection Improvements		2,900.0	0.0	2,900.0	2,900.0					
Torrance	MR312.58	Pacific Coast Highway from Calle Mayor to Janet Lane Safety Improvements		852.0	0.0	852.0	852.0					
Torrance	MR312.59	Pacific Coast Highway at Madison Ave Signal upgrades to provide left-turn phasing		500.0	0.0	500.0	500.0					
Torrance	MR312.60	Crenshaw from Del Amo to Dominguez - 3 SB turn lanes at Del Amo Blvd, 208th St., Transit Center Entrance, Signal Improvements at 209th signal at Transit Center	Chg	3,300.0	0.0	3,300.0	3,300.0					
Torrance	MR312.76	Plaza Del Amo at Western Ave (SR-213) Improvements	Add	0.0	2,784.0	2,784.0		300.0	800.0	1,000.0	684.0	
		<b>TOTAL TORRANCE</b>		<b>68,471.9</b>	<b>2,784.0</b>	<b>71,255.9</b>	<b>55,871.9</b>	<b>5,300.0</b>	<b>8,400.0</b>	<b>1,000.0</b>	<b>684.0</b>	<b>0.0</b>
		<b>TOTAL SOUTH BAY</b>		<b>233,026.9</b>	<b>3,220.3</b>	<b>236,247.3</b>	<b>151,695.5</b>	<b>34,142.7</b>	<b>30,103.0</b>	<b>13,847.0</b>	<b>4,764.0</b>	<b>1,695.0</b>

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
<b>Gateway Cities: I-605/SR-91/I-405 Corridors "Hot Spots"</b>					<b>195,112.6</b>	<b>10,675.8</b>	<b>205,788.4</b>	<b>134,097.8</b>	<b>40,220.1</b>	<b>20,239.6</b>	<b>9,516.8</b>	<b>1,714.1</b>	<b>0.0</b>
GCCOG	MOU.306.03	GCCOG Engineering Support Services	Chg	300.0	800.0		1,100.0	900.0		200.0			
GCCOG	MR315.29	Gateway Cities Third Party Support		100.0	0.0		100.0	100.0					
		<b>TOTAL GCCOG</b>		<b>400.0</b>	<b>800.0</b>		<b>1,200.0</b>	<b>1,000.0</b>	<b>0.0</b>	<b>200.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Metro	PS4720-3334	Program/Project Management Support of Measure R Funds		200.0	0.0		200.0	200.0					
Metro	PS4720-3252	PAED for Santa Fe Springs/ Whittier, Painter/Whittier, & Colima Whittier		680.0	0.0		680.0	680.0					
Metro	PS4720-3250	PAED for Lakewood/Alondra, Lakewood/Spring, and Artesia		572.7	0.0		572.7	572.7					
Metro	PS4720-3251	PAED for Valley View/Rosecrans, Valley View/Alondra, Germantown/South, and Bloomfield/Artesia		560.7	0.0		560.7	560.7					
Metro	AE25081	PS&E for Carmenita/South and Bloomfield/Artesia Intersection		100.0	0.0		100.0	100.0					
Metro	AE25083	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 <b>(Completed)</b>		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 <b>(Completed)</b>		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	10,000.0	8,000.0	8,000.0	8,000.0		
Metro	PS47203004	Professional Services for the Gateway Cities Strategic Transportation Plan		10,429.5	(0.0)		10,429.5	10,429.5					
Metro	AE333410011375	Professional Services for the I-605/I-5 PA/ED		20,698.0	0.0		20,698.0	8,000.0	5,000.0	7,698.0			
Metro	AE476110012334	Professional Services for the I-605/SR-91 PA/ED		8,026.0	0.0		8,026.0	3,463.0	3,100.0	1,463.0			
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)		14,500.0	0.0		14,500.0	14,500.0					
Metro	AE39064000	I-605 Beverly Interchange Improvements (PR & PS&E)		3,000.0	0.0		3,000.0	100.0	2,900.0				
Metro	AE38849000	I-605 from SR-91 to South Street Improvements Project (PR & PS&E)		5,500.0	0.0		5,500.0	100.0	5,400.0				
Metro	MR315.35	SR-91 Atlantic Ave to Cherry Ave EB Aux Lane		500.0	0.0		500.0	0.0	250.0	250.0			
Metro	MR315.37	SR-91 Central Ave Interchnage Improvements		500.0	0.0		500.0	0.0	250.0	250.0			
Metro	MR315.63	I-605/7th Street Interchange Improvements		500.0	0.0		500.0	0.0	250.0	250.0			
Metro	MR315.64	I-605 Valley Blvd Interchange Improvements		500.0	0.0		500.0	0.0	250.0	250.0			
		<b>TOTAL METRO</b>		<b>115,337.9</b>	<b>(0.0)</b>		<b>115,337.9</b>	<b>63,776.9</b>	<b>25,400.0</b>	<b>18,161.0</b>	<b>8,000.0</b>	<b>0.0</b>	<b>0.0</b>

**ATTACHMENT A**

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
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	1,250.0	800.0	800.0	800.0		
Caltrans	MR315.24	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/I-5 PA/ED		2,069.8	0.0	2,069.8	800.0	500.0	769.8			
Caltrans	MR315.08	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-91 PA/ED		802.6	0.0	802.6	346.3	310.0	146.3			
Caltrans	MR315.48	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-605 Intersection Improvements		60.0	0.0	60.0	60.0					
Caltrans	MR315.13	Third Party Support for the I-605 Corridor "Hot Spots" Interchanges Program Development, I-710/SR-91 PSR-PDS		234.0	0.0	234.0	234.0					
Caltrans	MR315.30	I-605 Beverly Interchange Improvements (Env. Doc.)		500.0	0.0	500.0	100.0	400.0				
Caltrans	MR315.31	I-605 from SR-91 to South Street Improvements Project (Env. Doc.)		500.0	0.0	500.0	100.0	400.0				
		<b>TOTAL CALTRANS</b>		<b>8,076.4</b>	<b>0.0</b>	<b>8,076.4</b>	<b>3,150.3</b>	<b>2,410.0</b>	<b>1,716.1</b>	<b>800.0</b>	<b>0.0</b>	<b>0.0</b>
Bellflower	MR315.16	Bellflower Blvd- Artesia Blvd Intersection Improvement Project	Chg	7,310.0	1,132.8	8,442.8	7,310.0	1,132.8				
Bellflower	MR315.33	Lakewood - Alondra Intersection Improvements: Construction	Chg	644.0	358.0	1,002.0	644.0	358.0				
		<b>TOTAL BELLFLOWER</b>		<b>7,954.0</b>	<b>1,490.8</b>	<b>9,444.8</b>	<b>7,954.0</b>	<b>1,490.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Cerritos	MR315.38	Carmenita - South Intersection Improvements, Construction		292.0	0.0	292.0	292.0					
Cerritos	MR315.39	Bloomfield - Artesia Intersection Improvements, ROW & Construction		1,756.0	0.0	1,756.0	1,756.0					
		<b>TOTAL CERRITOS</b>		<b>2,048.0</b>	<b>0.0</b>	<b>2,048.0</b>	<b>2,048.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Downey	MR315.03	Lakewood - Telegraph Intersection Improvements		2,120.0	0.0	2,120.0	2,120.0					
Downey	MR315.14	Lakewood - Imperial Intersection Improvements	Chg	4,060.0	0.0	4,060.0	2,760.0	1,300.0				
Downey	MR315.27	Lakewood - Florence Intersection Improvements	Chg	1,310.0	3,635.0	4,945.0	1,330.0	3,615.0				
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.	Add	0.0	1,300.0	1,300.0	0.0	1,300.0				
		<b>TOTAL DOWNEY</b>		<b>10,230.4</b>	<b>4,935.0</b>	<b>15,165.4</b>	<b>8,950.4</b>	<b>6,215.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>



**ATTACHMENT A**

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
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	0.0	155.0		645.0		
		<b>TOTAL LA COUNTY</b>		<b>9,630.0</b>	<b>0.0</b>	<b>9,630.0</b>	<b>8,830.0</b>	<b>155.0</b>	<b>0.0</b>	<b>645.0</b>	<b>0.0</b>	<b>0.0</b>
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					
		<b>TOTAL LAKEWOOD</b>		<b>9,104.3</b>	<b>0.0</b>	<b>9,104.3</b>	<b>9,104.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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		800.0	0.0	800.0	0.0				800.0	
Long Beach	MR315.69	Park or Ride (Call Match) F9808		212.6	0.0	212.6	14.9	49.3	62.5	71.8	14.1	
Long Beach	MR315.60	Soundwall on I-605 near Spring Street, PAED and PSE		350.0	0.0	350.0	50.0	200.0	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	MR215.70	Artesia Boulevard Improvements	Add	0.0	1,450.0	1,450.0	0.0	1,450.0				
		<b>TOTAL LONG BEACH</b>		<b>3,209.7</b>	<b>1,450.0</b>	<b>4,659.7</b>	<b>1,012.0</b>	<b>1,699.3</b>	<b>162.5</b>	<b>71.8</b>	<b>1,714.1</b>	<b>0.0</b>

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Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
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	Add	0.0	2,000.0	2,000.0	0.0	2,000.0				
		<b>TOTAL NORWALK</b>		<b>7,959.4</b>	<b>2,000.0</b>	<b>9,959.4</b>	<b>7,959.4</b>	<b>2,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Pico Rivera	MR315.05	Rosemead - Beverly Intersection Improvements		8,474.0	0.0	8,474.0	8,474.0					
Pico Rivera	MR315.09	Rosemead - Whittier Intersection Improvements		1,388.0	0.0	1,388.0	1,388.0					
Pico Rivera	MR315.21	Rosemead - Washington Intersection Improvements		40.0	0.0	40.0	40.0					
Pico Rivera	MR315.19	Rosemead - Slauson Intersection Improvements		2,195.0	0.0	2,195.0	2,195.0					
		<b>TOTAL PICO RIVERA</b>		<b>12,097.0</b>	<b>0.0</b>	<b>12,097.0</b>	<b>12,097.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Santa Fe Springs	MR315.40	Valley View - Rosecrans Intersection Improvements, Construction		824.0	0.0	824.0	524.0	300.0				
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)		600.0	0.0	600.0	50.0	550.0				
		<b>TOTAL SANTA FE SPRINGS</b>		<b>4,091.0</b>	<b>0.0</b>	<b>4,091.0</b>	<b>3,241.0</b>	<b>850.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Whittier	MR315.44	Santa Fe Springs Whittier Intersection Improvements: PSE, ROW, Construction		1,567.9	0.0	1,567.9	1,567.9					
Whittier	MR315.45	Painter Ave - Whittier Intersection Improvements: PSE, ROW, Construction		1,760.3	0.0	1,760.3	1,760.3					
Whittier	MR315.46	Colima Ave - Whittier Intersection Improvements: PSE, ROW, Construction		1,646.2	0.0	1,646.2	1,646.2					
		<b>TOTAL WHITTIER</b>		<b>4,974.4</b>	<b>0.0</b>	<b>4,974.4</b>	<b>4,974.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>TOTAL I-605/SR-91/I-405 "HOT SPOTS"</b>		<b>195,112.6</b>	<b>10,675.8</b>	<b>205,788.4</b>	<b>134,097.8</b>	<b>40,220.1</b>	<b>20,239.6</b>	<b>9,516.8</b>	<b>1,714.1</b>	<b>0.0</b>

**ATTACHMENT A**

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22	
<b>Gateway Cities: INTERSTATE 710 SOUTH EARLY ACTION PROJECT</b>					<b>164,264.6</b>	<b>4,075.3</b>	<b>168,339.9</b>	<b>137,993.3</b>	<b>5,471.5</b>	<b>8,991.7</b>	<b>0.0</b>	<b>183.0</b>	<b>0.0</b>
GCCOG	MOU.306.03	GCCOG Engineering Support Services	Chg	1,700.0	(600.0)	1,100.0	1,100.0						
		<b>TOTAL GCCOG</b>		<b>1,700.0</b>	<b>(600.0)</b>	<b>1,100.0</b>	<b>1,100.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
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	Professional Services contract for I-710 Soundwall Project Development		10,878.4	0.0	10,878.4	10,878.4						
Metro	PS2198100	I-710 Soundwall Package 2		7,000.0	0.0	7,000.0	0.0		1,000.0	6,000.0			
Metro	MOU.Calstart2010	Professional Services contract for development of zero emission technology report		150.0	0.0	150.0	150.0						
Metro	Bucket	I-710 ITS/Air Quality Early Action <b>(Grant Match)</b>		8,760.0	0.0	8,760.0	8,760.0						
Metro	MR306.41	FRATIS Modernization <b>(Grant Match)</b>		3,000.0	0.0	3,000.0	0.0	3,000.0					
Metro	MR306.38	Sustainable Transportation Planning Grant <b>(Grant Match)</b>		64.8	0.0	64.8	64.8						
		<b>TOTAL METRO</b>		<b>88,220.1</b>	<b>0.0</b>	<b>88,220.2</b>	<b>78,220.2</b>	<b>3,000.0</b>	<b>1,000.0</b>	<b>6,000.0</b>	<b>0.0</b>	<b>0.0</b>	
POLA	MR306.40	I-710 Eco-FRATIS Drayage Truck Efficiency Project <b>(Grant Match)</b>		240.0	0.0	240.0	240.0						
		<b>TOTAL POLA</b>		<b>240.0</b>	<b>0.0</b>	<b>240.0</b>	<b>240.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
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						
		<b>TOTAL USACE</b>		<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
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	Chg	200.0	200.0	400.0	0.0	200.0	200.0				
		<b>TOTAL SCE</b>		<b>1,898.0</b>	<b>200.0</b>	<b>2,098.0</b>	<b>1,698.0</b>	<b>200.0</b>	<b>200.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

**ATTACHMENT A**

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
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					
		<b>TOTAL CALTRANS</b>		5,050.0	0.0	5,050.0	5,050.0	0.0	0.0	0.0	0.0	0.0
LA County	MR306.16	Staff Support for the Review of the Draft I-710 South EIR/EIS		157.0	0.0	157.0	84.5	72.5				
		<b>TOTAL LA COUNTY</b>		157.0	0.0	157.0	84.5	72.5	0.0	0.0	0.0	0.0
Bell	MR306.37	Eastern at Bandini Rickenbacker Project (Call Match) F9200		178.6	(0.0)	178.6	178.6					
Bell	MR306.07	Staff Support for the Review of the Draft I-710 South EIR/EIS		136.0	0.0	136.0	60.9	75.1				
Bell	MR306.44	Gage Ave Bridge Replacement Project	Chg	2,240.0	(2,173.2)	66.8	0.0		66.8			
Bell	MR306.45	Slauson Ave Bridge Replacement Project	Chg	2,040.0	(2,000.1)	39.9	0.0		39.9			
		<b>TOTAL BELL</b>		4,594.6	-4,173.3	421.3	239.5	75.1	106.7	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	68.1	84.2				
Bell Gardens	MR306.35	Florence/Jaboneria Intersection Project (Call Match) F9111		283.4	0.0	283.4	0.0			100.4	183.0	
Bell Gardens	MR306.30	Florence Ave/Eastern Ave Intersection Widening (Call Match) F7120	Chg	1,221.1	(36.4)	1,184.7	623.0	561.7				
		<b>TOTAL BELL GARDENS</b>		1,656.8	(36.4)	1,620.5	691.1	645.9	0.0	100.4	183.0	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					
		<b>TOTAL COMMERCE</b>		13,575.0	0.0	13,575.0	13,575.0	0.0	0.0	0.0	0.0	0.0
Compton	MR306.10	Staff Support for the Review of the Draft I-710 South EIR/EIS		35.3	0.0	35.3	35.3					
		<b>TOTAL COMPTON</b>		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	10.0	110.0				
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)		223.0	0.0	223.0	223.0	100.0				
Downey	MR306.31	Lakewood Blvd Improvement Project		5,000.0	0.0	5,000.0	5,000.0					
Downey	MR306.49	Paramount Blvd at Imperial Highway Intersection Improvement Project	Add	0.0	3,185.0	3,185.0	0.0		1,185.0	2,000.0		
		<b>TOTAL DOWNEY</b>		8,412.0	3,185.0	11,597.0	8,302.0	210.0	1,185.0	2,000.0	0.0	0.0

**ATTACHMENT A**

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior	Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
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					
		<b>TOTAL HUNTINGTON PARK</b>		15.0	0.0		15.0	15.0	0.0	0.0	0.0	0.0	0.0
Long Beach	MR306.19	Shoemaker Bridge Replacement Project	Chg	5,500.0	5,500.0		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	46.0	100.0				
Long Beach	MR306.22	Atlantic Ave/Willow St Intersection Improvements		300.0	0.0		300.0	300.0					
		<b>TOTAL LONG BEACH</b>		5,946.0	5,500.0		11,446.0	5,846.0	100.0	2,000.0	3,500.0	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	0.0	20.0				
		<b>TOTAL LYNWOOD</b>		20.0	0.0		20.0	0.0	20.0	0.0	0.0	0.0	0.0
Maywood	MR306.12	Staff Support for the Review of the Draft I-710 South EIR/EIS		65.0	0.0		65.0	65.0					
		<b>TOTAL MAYWOOD</b>		65.0	0.0		65.0	65.0	0.0	0.0	0.0	0.0	0.0
Paramount	MR306.13	Staff Support for the Review of the Draft I-710 South EIR/EIS		130.0	0.0		130.0	50.0	80.0				
Paramount	MR306.32	Garfield Ave Improvements		2,825.0	0.0		2,825.0	2,075.0	750.0				
		<b>TOTAL PARAMOUNT</b>		2,955.0	0.0		2,955.0	2,125.0	830.0	0.0	0.0	0.0	0.0
South Gate	MR306.14	Staff Support for the Review of the Draft I-710 South EIR/EIS		184.5	0.0		184.5	84.5	100.0				
South Gate	MR306.17	Atlantic Ave/Firestone Blvd Intersection Improvements <b>(Complete)</b>		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	MR30650	I-710 Soundwall Project - Package 1 Construction Phase		8,900.0	0.0		8,900.0	0.0	200.0	4,500.0	4,200.0		
		<b>TOTAL SOUTH GATE</b>		27,484.5	0.0		27,484.5	18,484.5	300.0	4,500.0	4,200.0	0.0	0.0
Vernon	MR306.15	Staff Support for the Review of the Draft I-710 South EIR/EIS		70.2	0.0		70.2	52.2	18.0				
Vernon	MR306.25	Atlantic Blvd Bridge Widening and Rehabilitation		2,070.0	0.0		2,070.0	2,070.0					
		<b>TOTAL VERNON</b>		2,140.2	0.0		2,140.2	2,122.2	18.0	0.0	0.0	0.0	0.0
		<b>TOTAL I-710 SOUTH &amp; EARLY ACTION PROJ</b>		164,264.6	4,075.3		168,339.9	137,993.3	5,471.5	8,991.7	15,800.4	183.0	0.0

**ATTACHMENT A**

Lead Agency	Fund Agr (FA) No.	PROJECT/LOCATION	Notes	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY18	FY19	FY20	FY21	FY22
<b>North County: SR-138 Capacity Enhancements</b>						<b>200,000.0</b>	<b>200,000.0</b>	<b>140,500.0</b>	<b>20,100.0</b>	<b>28,000.0</b>	<b>45,200.0</b>	<b>0.0</b>
Metro	MR330.01	SR-138 (AvenueD) PA/ED (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			
		<b>TOTAL METRO</b>		<b>25,000.0</b>	<b>0.0</b>	<b>25,000.0</b>	<b>19,400.0</b>	<b>0.0</b>	<b>5,600.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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	300.0	900.0		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			
		<b>TOTAL LANCASTER</b>		<b>65,000.0</b>	<b>0.0</b>	<b>65,000.0</b>	<b>26,100.0</b>	<b>900.0</b>	<b>15,600.0</b>	<b>22,400.0</b>	<b>0.0</b>	<b>0.0</b>
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	10,900.0	4,100.0				
Palmdale	MR330.10	SR-138 (SR-14) Widening Rancho Vista Blvd. to Palmdale Blvd		25,000.0	0.0	25,000.0	15,400.0	9,600.0				
Palmdale	MR330.11	SR-138 Avenue N Overcrossing		20,000.0	0.0	20,000.0	3,300.0	5,500.0		11,200.0		
		<b>TOTAL PALMDALE</b>		<b>110,000.0</b>	<b>0.0</b>	<b>110,000.0</b>	<b>61,200.0</b>	<b>19,200.0</b>	<b>6,800.0</b>	<b>22,800.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>TOTAL SR-138 CAPACITY ENH</b>		<b>200,000.0</b>		<b>200,000.0</b>	<b>106,700.0</b>	<b>20,100.0</b>	<b>28,000.0</b>	<b>45,200.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>Total Measure R Spent Inception to Date</b>		<b>1,014,561</b>	<b>20,841</b>	<b>1,035,403</b>	<b>696,140</b>	<b>130,460</b>	<b>106,684</b>	<b>86,499</b>	<b>14,025</b>	<b>1,695</b>

**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