



Board Report

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**PLANNING AND PROGRAMMING COMMITTEE
JUNE 17, 2020**

SUBJECT: MEASURE R AND M HIGHWAY SUBREGIONAL PROGRAM SEMI-ANNUAL UPDATE

ACTION: APPROVE RECOMMENDATIONS

RECOMMENDATION

CONSIDER:

- A. APPROVING \$178,107,100 in 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. APPROVING deobligation of \$23,214,900 dollars of previously approved Measure R Highway Subregional Program funds for re-allocation at the request of project sponsors;

- C. APPROVING \$5,250,000 in additional programming of Measure M Multi-Year Subregional Program (MSP) funds as shown in Attachment B for:
 - Transportation System and Mobility Improvements Program (Expenditure Line 66) project number MM5508.05
 - I-605 Corridor “Hot Spots” Interchange Improvements Program (Expenditure Line 61) project number MM5509.05

- D. DELEGATING to the CEO or his designee the authority to:
 1. amend Measure R funding agreements to modify the scope of work of projects and project development phases consistent with eligibility requirements;
 2. allow changes in project sponsor to deliver board approved projects; and

- E. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements for the Board-approved projects; and

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 address Highway Operational Improvement subfunds. The Highway Department in Program Management assists or lead the development and implementation of highway and arterial projects with these subfunds. Highway Department staff also manage grants to jurisdictions and works with each of the subregions and eligible grant recipients to deliver projects.

To be eligible for funding, projects must improve traffic flow in an existing State Highway corridor by reducing congestion and operational deficiencies. Project sponsors may use board approved funds in all project phases.

Updates on progress in development and implementation of the subregional highway projects and programs are presented to the Board semi-annually 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 Subregional Highway capital projects are not individually 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 \$178,107,100 in additional programming for 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 projects on the attached project lists are expected to provide highway operational benefits and meet the Highway Operational and Ramp/Interchange improvement definition approved by the Board.

Moreover, this update includes programming for two Measure M MSP projects. The MSP project for the City of Redondo Beach is detailed in the South Bay section of this report and the City of Long Beach project is detailed in the Gateway Cities I-605 Corridor "Hot Spots" Interchange section of this

report.

For the Gateway Cities subregion, the MSP project had been excluded from the previously approved Measure M MSP 5-year plan. Due to a change in determination of eligibility, this project will be funded through Line 61, I-605 Corridor “Hot Spots” Interchange Improvements.

Future MSP project and program updates will continue to be reported through the annual Measure M Multi-Year Subregional Program board reports for the Gateway Cities and South Bay subregions.

Highway Operational Improvements in Arroyo Verdugo

To date, \$91,038,400 has been programmed for projects. This update includes \$4,150,000 in new programming for 2 new projects and adjustments to 2 existing projects as follows:

Burbank

- Modify the scope for MR310.55 - I-5 Corridor Arterial Signal Improvements - Phase 3. This project will add the intersection of Magnolia Blvd at Screenland Dr to the current project scope.
- Modify the scope for MR310.56 - Victory Blvd/N Victory Pl and Buena Vista St Signal Synchronization. This modification will extend the project limits from the intersection of Victory Pl and N Buena Vista to the intersection of San Fernando Blvd and Cohasset St. The project will synchronize San Fernando Blvd, N Victory Pl and Victory Blvd and Buena Vista within the project limits.

Glendale

- Program \$1,650,000 for MR310.61 - Broadway Traffic Signal Modifications. The total project budget is \$1,650,000. This new project will design and construct signals on Broadway at San Fernando Rd., Columbus Ave. and Galleria Way intersections.

Measure R NEXUS to Highway Operational Definition: This project is an eligible traffic signal upgrade, timing and synchronization project.

- Program \$2,500,000 for MR310.62 - Downtown Glendale Signal Synchronization Project. This new project will design and construct traffic signal improvement, timing and synchronization plans and install communications upgrades on various principal arterials in Downtown Glendale.

Measure R NEXUS to Highway Operational Definition: This project is an eligible traffic signal upgrade, timing and synchronization project.

Highway Operational Improvements in Las Virgenes Malibu Subregion

To date, \$156,651,000 has been programmed for projects. This update includes \$250,000 in new programming and funding adjustments to 4 existing projects as follows:

Westlake Village

- Program an additional \$250,000 for MR311.18 - Rte 101/Lindero Cyn Rd. Interchange Improvements, Phase 3A Construction. The revised project budget is \$9,700,000. The additional programmed funds will be used for installation of required safety barricades.

Malibu

- Program an additional \$900,000 for MR311.11 - PCH Signal System Improvements from John Tyler Drive to Topanga Canyon Blvd. The revised project budget is \$14,600,000. The additional programmed funds will be used for design and construction of changeable message signs and signal improvements.
- Program an additional \$400,000 for MR311.24 - Malibu/Civic Center Way Widening. The revised project budget is \$5,600,000. The additional programmed funds will be used for construction.
- Deobligate \$1,300,000 from MR311.29 - PCH Regional Traffic Message System (CMS). The revised project budget is \$0. The city will no longer proceed with this project.

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

To date, \$236,970,900 has been programmed for projects. This update includes \$175,295,000 in new programming for 3 new projects and funding adjustments to 8 existing projects as follows:

Caltrans

- Program an additional \$62,000,000 for MR312.25 - I-405 at 182nd St./Crenshaw Blvd Improvements. The revised project budget is \$86,400,000. The additional programmed funds will be used for construction.
- Program \$8,400,000 for MR312.82 - PCH (I-105 to I-110) Turn Lanes and Pockets. This new project will construct intersection improvements on Pacific Coast Highway.

Measure R NEXUS to Highway Operational Definition: This project is an eligible intersection and street widening project.

El Segundo

- Program an additional \$5,000,000 for MR312.57 - Park Place Roadway Extension and

Railroad Grade Separation Project. The revised project budget is \$5,350,000. The additional programmed funds will be used for final design.

County of Los Angeles

- Reprogram existing board approved project budget of \$2,000,000 for MR312.64 - South Bay Arterial System Detection Project. The funds are being reprogrammed to align with the current project schedule: \$600,000 in FY21 and \$1,400,000 in FY22.

Manhattan Beach

- Modify the scope for MR312.62 - Sepulveda Blvd Operational Improvements at Rosecrans Ave, 33rd St., Cedar Ave, 14th St and 2nd St. The project scope has been reduced to only one intersection, Marine Ave at Cedar Ave. This project will construct new left-turn and right-turn improvements at the intersection of Marine Ave and Cedar Ave and traffic signal improvements. The project budget remains the same and funds will be reprogrammed to FY21.

Metro

- Program an additional \$13,200,000 for MR312.30 - I-405 Improvements from I-105 to Artesia Blvd. The revised project budget is \$17,381,000. The additional programmed funds will be used for final design.
- Program an additional \$13,200,000 for MR312.55 - I-405 Improvements from I-110 to Wilmington. The revised project budget is \$17,400,000. The additional programmed funds will be used for final design.
- Program \$20,000,000 for MR312.84 - I-105 Integrated Corridor Management (ICM). This new project will develop, design and construct detection, traffic management, communications and traffic control systems that will enable real-time traffic management capabilities between Caltrans and local agencies on I-105.

Measure R NEXUS to Highway Operational Definition: This project is an eligible traffic signal upgrade, timing and synchronization project.

- Program \$14,000,000 for MR312.85 - I-405 N/B Aux Lane (Imperial Hwy to El Segundo). This new project will environmentally clear and design auxiliary lane improvements between Imperial Hwy and El Segundo.

Measure R NEXUS to Highway Operational Definition: This project is an eligible auxiliary lane for merging and weaving between adjacent interchanges.

Port of Los Angeles

- Program an additional \$37,395,000 for MR312.32 - SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd. The revised project budget is \$41,225,000. The additional programmed funds will be used for construction.

Redondo Beach

- Program an additional \$2,100,000 for MR312.38 - PCH at Anita St. Improvements (left-and right-turn lanes). The revised project budget is \$2,400,000. The additional programmed funds will be used for final design and construction.

Measure M MSP

Redondo Beach

- Program an additional \$2,750,000 for MM5508.05 - Redondo Beach Park and Ride/Transit Center. The revised project budget is \$7,250,000. The additional funds will be used for construction.

I-605 Corridor “Hot Spots” Interchanges

To date, \$263,458,000 has been programmed for projects. This update includes \$7,925,500 in new programming for 1 new project and funding adjustments to 7 existing projects as follows:

Metro

- Program an additional \$242,200 for AE25081 - PS&E for Carmenita/South St. and Bloomfield/Artesia Intersection Improvements. The revised project budget is \$342,200. The programmed funds are being revised to match the awarded contract.
- Program an additional \$265,400 for AE25083 - PS&E for Valley View/Rosecrans & Valley View/Alondra Intersection Improvements. The revised project budget is \$365,400. The programmed funds are being revised to match the awarded contract.
- Modify scope for MR315.72 - Whittier Intersection Improvements. This project is currently in design. Right of Way services are required for this project and eligible for Measure R Subregional funds. The cost of the ROW phase for this project was included in the June 2019 Board action but the phase was not listed in the project description. The ROW services will be completed within the existing project budget.

Caltrans

- Modify scope for MR315.31 - I-605 from SR-91 to South St. Improvements. Final design for the project is complete. However, preparation of an aesthetic landscape master plan and design services for all SR-91 active project are required by Caltrans. The additional work can be completed within the current approved project budget.

Lakewood

- Deobligate \$300,000 for MR315.01 - Lakewood Blvd at Hardwick St. Traffic Signal Improvements. The revised project is \$0. The city is consolidating the scope items of this agreement with MR315.36. This agreement will be canceled.
- Program an additional \$300,000 for MR315.36 - Lakewood Blvd Regional Capacity Enhancements. The revised project budget is \$3,900,000. The additional programmed funds will be used to complete design and construction of the project.

Long Beach

- Program an additional \$2,819,000 for MR315.60 - Soundwall on Northbound I-605 near Spring St. The revised project budget is \$3,169,000. The additional programmed funds will be used for final design and construction.

Paramount

- Program \$4,600,000 for MR315.20 - Alondra Blvd Improvements. This new project will environmentally clear and design roadway widening improvements on Alondra Blvd between Hunsaker Ave and Lakewood Blvd.

Measure R NEXUS to Highway Operational Definition: This is an eligible intersection and street widening project.

Measure M MSP

Long Beach

- Program an additional \$2,500,000 for MM5509.05 - Studebaker Rd - Loynes Dr. Complete Streets Project. The revised project budget is \$8,750,000. This project will construct roadway, signal and bikelane improvements.

I-710 South and/or Early Action Projects

To date, \$247,189,900 has been programmed for projects. The update includes \$13,700,000 in new programming for 2 new projects and funding adjustments to 2 existing projects as follows:

Metro

- Deobligate \$5,000,000 from the ITS/Air Quality Early Action allocation. The remaining budget for the stated use is \$3,760,000. The deobligated funds will be reprogrammed to develop Integrated Corridor Management (ICM) improvements along I-710 consistent with the original intent of these funds.
- Program \$5,000,000 for MR306.05 - I-710 Integrated Corridor Management (ICM) Project. This new project will develop and design detection, traffic management, communications and traffic control system enhancements to enable real-time traffic management capabilities between Caltrans and local agencies along I-710. These ITS and ICM improvements will improve mobility and air quality through the real-time management of passenger car and freight/drayerage truck congestion.

Measure R NEXUS to Highway Operational Definition: This is an eligible Traffic signal upgrade/timing/synchronization and traffic surveillance project.

Long Beach

- Program an additional \$12,900,000 for MR306.19 - Shoemaker Bridge Replacement Project. The revised project budget is \$23,900,000. The additional funding is a required local match to the STIP.

Paramount

- Program \$800,000 for MR306.06 - Rosecrans Bridge Retrofit Project. This new project will environmentally clear and design the widening of the existing Rosecrans bridge.

Measure R NEXUS to Highway Operational Definition: This is an eligible street widening project.

State Route 138 Capacity Enhancements

To date, \$200,000,000 has been programmed for projects. The update includes funding adjustments to 4 existing projects as follows:

Lancaster

- Program an additional \$5,339,994 for MR330.02 - SR-138 (SR-14) Avenue K Interchange. The revised project budget is \$20,339,994. The additional funds are being reprogrammed to match the engineers estimate.
- Deobligate \$13,124,973 from MR330.03 - SR-138 (SR-14) Avenue G Interchange. The revised project budget is \$1,875,063. The remaining funds are for the project initiation document and environmental phases. The city has acquired funding commitments from the County of Los Angeles and allocated North County MSP funds to match the engineers estimate.

- Program an additional \$11,274,943 for MR330.04 - SR-138 (SR-14) Avenue J Interchange. The revised project budget is \$21,274,943. The additional funds are being reprogrammed to match the engineers estimate.
- Deobligate \$3,490,000 from MR330.05 - SR-138 (SR-14) Avenue L Interchange. The revised project budget is \$1,510,000. The remaining funds are for the project initiation document and environmental phases. The city will actively pursue ATP grants, allocate North County MSP funds and evaluate other funding options to complete this project.

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 reference transportation facilities.

FINANCIAL IMPACT

Approval of Recommendation A and C will not require an FY20 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 FY20 Highway budget and the proposed FY21 budget subject to availability of funds.

Funding for the highway projects is from the Measure R 20% Highway Capital subfund earmarked for the subregions. FY20 and FY21 funds are allocated for Arroyo Verdugo (Project No.460310), Las Virgenes Malibu (Project No. 460311), and South Bay (Project No. 460312) subregions in approved FY20 and proposed FY21 budgets. 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 5.3.100; 463314, Task 5.2.100; 460345, Task 5.3.100; 460346, Tasks 5.3.100 and 5.5.100; 460348, Tasks 5.2.100 and 5.3.100; 460349, Task 5.2.100; 460350, Task 5.2.100; 460351, 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 FY20 budget

Funding for the Redondo Beach Park and Ride/Transit Center project will be managed through the Transportation System and Mobility Improvements Program (Expenditure Line 66) Project No. 475508, Cost Center 0442, Account 54001 (Subsidies to Others). Staff will work within the adopted FY20 and proposed FY21 budget subject to available funds.

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 FY20 and proposed FY21 budgets to fund the identified priorities. Should additional funds be required for FY21 period, staff will revisit the budgetary needs using the quarterly and mid-year adjustment processes subject to the availability of funds.

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.

The source of funds for Recommendation C is Measure M Highway Construction 17%. This fund is not eligible for Bus and Rail Operations or Capital expenses.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

The proposed projects are 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 State highways and eligible local arterials.

Goal 4: Transform LA county through regional collaboration by partnering with the various subregions to identify the needed improvements and development and implement mobility improvement projects.

ALTERNATIVES CONSIDERED

The Board may choose to not approve the revised project lists and funding allocations. 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.


ATTACHMENT

Attachment A - Projects Receiving Measure R Funds

Attachment B - Projects Receiving Measure M Funds

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