City Council Meeting
11-09-26
Item 1.B.4.

Council Agenda Report

To: Mayor Silverstein and the Honorable Members of the City Council

Prepared by: Nadia Fahoum, Associate Engineer

Reviewed by: Tatiana Holden, Assistant Public Works Director / City Engineer

Approved by: Joseph Irvin, City Manager

Date prepared: October 15, 2026 Meeting date: November 9, 2026

Subject: Los Angeles County Metro Transportation Funding Agreement Amendment

---

RECOMMENDED ACTION: Authorize the Mayor to execute Amendment No. 5 to the Los Angeles County Metropolitan Transportation Authority (Metro) Funding Agreement for the Pacific Coast Highway Signal Synchronization Project.

FISCAL IMPACT: No additional appropriation is required. Funding for this project is included in the Adopted Budget for Fiscal Year 2026-27 in Account No. 310-9066-5100 (PCH Signal Synchronization System Improvements Project).

The total project funding is $19.1M, consisting of $17.6M in Metro Measure R funds and $1.5M in Metro Measure M allocations.

STRATEGIC PRIORITY: This item supports the City's 2025-2028 Strategic Plan Goal 4: Improve Public Safety.

Goal 4: Improve Public Safety
Objective 4.1: Reduce injury and fatal collisions on Pacific Coast Highway (PCH).
Strategy: Reduce speed and improve traffic flow through signal synchronization, safety adaptive technology, and installation of speed enforcement systems.

DISCUSSION: The PCH Signal Synchronization Project was identified as the highest priority project in the 2015 PCH Safety Study. The project is intended to improve traffic safety, reduce speeding and congestion, and enhance traffic flow along PCH for all modes of travel.

The project is funded through Metro Measure R and Measure M allocations. Amendment No. 5 incorporates an additional $1.5M in Measure M funding for construction, increasing the total project funding from $17.6M to $19.1M. The amendment also reflects an extension of the project funding period through June 30, 2027.

Project Background
The following summarizes the key funding agreements and project milestones:

- October 28, 2016, City Council approved a Metro Measure R funding agreement for this project in an initial total project budget of $3.7M from Measure R funds.

- March 6, 2017, City Council approved Amendment No. 1 increasing the funding by $10M for a total project budget of $13.7M from Measure R funds.

- July 1, 2021, City Council approved Amendment No. 2 increasing the funding by $900,000 for a total project budget of $14.6M from Measure R funds.

- January 22, 2024, City Council approved Amendment No. 3 extending the funding agreement for the project until June 30, 2024.

- September 23, 2024, City Council approved Amendment No. 4 increasing the funding by $3M for a total project budget of $17.6M from Measure R funds and extended the funding agreement until June 30, 2026.

- February 27, 2025, the Metro Board approved and programmed $1.5M in Measure M Funds to PCH Signal Synchronization for Construction for a total project budget of $19.1M ($17.6M in Measure R funds and $1.5M in Measure M funds); and extended the funding agreement until June 30, 2027.

- February 27, 2025, a Letter of No Prejudice (LONP) was issued for the project allowing the City of Malibu to spend its local funds in the amount of $1.5M for construction.

- August 26, 2026, the City received the amended agreement from Metro ready for Council approval and execution, reflecting the added Measure M funds.

Construction of the PCH Signal Synchronization Project is nearing completion with final components involving the installation of safety adaptive technology. During construction, additional safety-related improvements were incorporated into the project to further enhance traffic safety and operations along PCH. These improvements contributed to the need for additional Metro allocations, including:

- Modifications at John Tyler Drive Intersection, which includes the installation of a protected left turn signal.

- Modifications at La Costa Beach Access, which includes the upgrade of an existing hybrid flashing beacon to a full pedestrian signal.

- The development and implementation of a new safety adaptive signal system which will detect traffic speeds and modify signal timing to trigger red lights when speeding is detected.

- Unforeseen field conditions resulting in construction difficulties.

These enhancements are intended to improve roadway safety, reduce speeding, and support more efficient traffic operations along PCH.

Staff recommend the City Council authorize the Mayor to execute Amendment No. 5 to the Metro Funding Agreement for the PCH Signal Synchronization Project.

ATTACHMENTS: Amendment No. 5 to the Funding Agreement

AMENDMENT No. 5 TO FUNDING AGREEMEN BETWEEN CITY OF MALIBU AND THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

This Amendment No. 5 to the Funding Agreement (this "Amendment"), is dated July 1, 2026, for reference purposes only, by and between the City of Malibu ("Grantee") and the Los Angeles County Metropolitan Transportation Authority ("LACMTA").

RECITALS:

A. GRANTEE and LACMTA entered into that certain Funding Agreement No. 920000000MR31111, dated October 28, 2016, (the "Existing FA"), which was amended on March 6, 2017, July 1, 2021, September 30, 2023, and August 1, 2024 (as amended, the Existing FA), which Existing FA provides for the Pacific Coast Highway Signal System Improvements from John Tyler Drive to Topanga Canyon Boulevard Project (the Project); and

B. WHEREAS, LACMTA adopted Ordinance #16-01, the Los Angeles County Traffic Improvement Plan, on June 23, 2016 (the "Ordinance"), which Ordinance was approved by the voters of Los Angeles County on November 8, 2016, as "Measure M" and became effective on July 1, 2017.

C. WHEREAS, the LACMTA Board, at its February 27, 2025, meeting programmed $1,500,000 in Measure M Funds to GRANTEE for Construction, subject to the terms and conditions contained in this FA; and

D. WHEREAS, a Letter of No Prejudice (LONP) was issued for the Project on February 27, 2025 allowing for the Grantee to spend its local funds in the amount of $1,500,000.

E. WHEREAS, the Funds are currently programmed for the Project as follows:

Measure R Funds: $300,000 in FY 2015-16, $4,000,000 in FY 2016-17, $4,900,000 in FY 2017-18, and $4,500,000 in FY 2018-19; $900,000 in FY 2021-22; $1,200,000 in FY 2023-24; and $1,800,000 in FY 2024-25. The total Measure R designated amount for the Project is $17,600,000; and

Measure M Funds: $1,500,000 in FY 2025-26. The total Measure M designated amount for the Project is $1,500,000.

The total Project Funds for the Pacific Coast Highway Signal System Improvements from John Tyler Drive to Topanga Canyon Boulevard Project is $19,100,000; and

F. Grantee and LACMTA desire to amend the Existing FA as provided herein.

AGREEMENT:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties hereby agree as follows:

1. Part I, Paragraph 2 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following:

"2.1 Programmed funds for this Project consist of the following: Measure R and Measure M funds, together are referred to as "the Funds."

2.2 To the extent the Measure R funds are available, LACMTA shall make to GRANTEE a grant of the Measure R funds in the amount of $17,600,000 (the "Funds") for the Project. LACMTA Board of Directors actions on December 3, 2015, December 1, 2016, June 25, 2020, January 25, 2024, and July 25, 2024, granted the Measure R Funds for the Project. The Measure R funds are currently programmed in seven (7) Fiscal Years: $300,000 in FY 2015-16; $4,000,000 in FY 2016-17; $4,900,000 in FY 2017-18; $4,500,000 in FY 2018-19; $900,000 in FY 2021-22; $1,200,000 in FY 2023-24; and $1,800,000 in FY2024-25."

2.3 To the extent the Measure M funds are available, LACMTA shall make to GRANTEE a grant of the Measure M funds in the amount of $1,500,000 (the "Funds") for the Project. LACMTA Board of Directors actions on February 27, 2025, granted the Measure M Funds for the Project. The Measure M funds are currently programmed in one (1) Fiscal Year: $1,500,000 in FY 2025-26."

3. Part I, Paragraph 12 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following:

"Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza
Metro HQ
Los Angeles, CA 90012
Attention: Daryl Chesonis, 99-18-2
(213) -922-7311
Chesonisd@metro.net"

4. Part II, Paragraph 3 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following:

"3. INVOICE BY GRANTEE

Unless otherwise stated in this FA, the Quarterly Progress/ Expenditure Report, with supporting documentation of expenses, Project progress and other documents as required,

which has been pre-approved by LACMTA, all as described in Part II, Section 6.1 of this FA, shall satisfy LACMTA invoicing requirements. Grantee shall only submit for payment the LACMTA pre-approved Quarterly Progress/ Expenditure Report Packets to the LACMTA Project Manager at the email address shown in Part I and to LACMTA Accounts Payable Department as shown below.

Submit invoice with supporting documentation to:
ACCOUNTSPAYABLE@METRO.NET (preferable)
or
mail to:
Los Angeles County Metropolitan Transportation Authority
Accounts Payable
P. O. Box 512296
Los Angeles, CA 90051-0296
All invoice material must contain the following information:
Re: LACMTA Project ID# MR311.11/MM5503.15 and FA# 920000000MR31111
Daryl Chesonis; Mail Stop 99-18-2

5. Part II, Section 9.1 (vi) of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following:

"(vi) Expending the Measure R funds granted under this FA for allowable costs by the lapsing date. All funds programmed for FY 2015-16, FY 2016-17, FY 2017-18, 2018-19 and FY 2021-22 have been expended and are no longer available. All funds programmed for FY2023-24 are subject to lapse by June 30, 2026. All funds programmed for FY2024-25 are subject to lapse by June 30, 2027.

6. Part II, Section 9.1 (vii) is hereby added to the Existing FA as follows:
(vii) Expending the Measure M funds granted under this FA for allowable costs by the lapsing date. All funds programmed for FY 2025-26 are subject to lapse by June 30, 2028."

7. Part II, Paragraph 12 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following:

"12. COMMUNICATIONS:

12.1 GRANTEE shall ensure that all Communication Materials contain recognition of LACMTA's contribution to the Project as more particularly set forth in "Funding Recipient Communications Guidelines" available online at http://metro.net/partners-civic. The Funding Recipient Communications Guidelines may be changed from time to time during the course of this Agreement. GRANTEE shall be responsible for complying with the latest Funding Recipient Communications Guidelines during the term of this Agreement, unless otherwise specifically authorized in writing by the LACMTA Chief Communications Officer.

12.2 For purposes of this Agreement, "Communications Materials" include, but are not limited to, press events, public and external newsletters, printed materials, advertising, websites radio and public service announcements, electronic media, and construction site signage. A more detailed definition of "Communications Materials" is found in the Funding Recipient Communications Guidelines.

12.3 The Metro logo is a trademarked item that shall be reproduced and displayed in accordance with specific graphic guidelines. The preferred logo lock-up for Funding Recipients to use is included in the Funding Recipient Communications Guidelines.

12.4 GRANTEE shall ensure that any subcontractor, including, but not limited to, public relations, public affairs, and/or marketing firms hired to produce Project Communications Materials for public and external purposes will comply with the requirements contained in this Section.

12.5 The LACMTA Project Manager shall be responsible for monitoring GRANTEE's compliance with the terms and conditions of this Section. GRANTEE's failure to comply with the terms of this Section shall be deemed a default hereunder and LACMTA shall have all rights and remedies set forth herein."

8. Attachment A-3 of the Existing FA is hereby replaced by Attachment A-4 attached.

9. Attachment B-1-3 of the Existing FA is hereby replaced by Attachment B-1-4 attached.

10. Attachment C-3 of the Existing FA is hereby replaced by Attachment C-4 attached.

11. Attachment D-2 of the Existing FA is hereby replaced by Attachment D-3 attached.

12. Attachment E-3 of the Existing FA is hereby replaced by Attachment E-4 attached.

13. Except as expressly amended hereby, the Existing FA remains in full force and effect as originally executed. All rights and obligations of the parties under the Existing FA that are not expressly amended by this Amendment shall remain unchanged.

IN WITNESS WHEREOF, the parties have caused this Amendment No. 5 to the FA to be executed by their duly authorized representatives as of the dates indicated below:

LACMTA:

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

By: _____ Date: _____
Stephanie Wiggins
Chief Executive Officer

APPROVED AS TO FORM:

DAWYN R. HARRISON
County Counsel

By: _____ Date: 8/26/2026
Deputy

GRANTEE:

CITY OF MALIBU

By: _____ Date: _____
Bruce Silverstein
Mayor

APPROVED AS TO FORM:

THIS DOCUMENT HAS BEEN REVIEWED
BY THE CITY ATTORNEY'S OFFICE

By. _____ Date: _____
Trevor Rusin
Interim City Attorney

ATTACHMENT A-4 -PROJECT FUNDING

Measure R and Measure M Programs - Funding Agreement Projects - FA#: 9200000000MR31111

Project Title: Pacific Coast Highway Signal System Improvements from John Tyler Drive to Topanga Canyon Boulevard

Project ID#: MR311.11/MM5503.15

PROGRAMMED BUDGET - SOURCES OF FUNDS

SOURCES OF FUNDS	Prior Years	FY2018-19	FY2021-22	FY2023-24	FY2024-25	FY2025-26	Total Budget	% of Budget
LACMTA PROGRAMMED FUNDING								
Measure R Highway Op Funds	$ 9,200,000	$ 4,500,000	$ 900,000	$ 1,200,000	$ 1,800,000		$ 17,600,000	
MEASURE M MSP FUNDS						$ 1,500,000	$ 1,500,000	
SUM PROG LACMTA FUNDS	$ 9,200,000	$ 4,500,000	$ 900,000	$ 1,200,000	$ 1,800,000	$ 1,500,000	$ 19,100,000	**100%**
OTHER NON LACMTA FUNDING:								
LOCAL:							$ -	0%
STATE:							$ -	0%
FEDERAL:							$ -	0%
PRIVATE OR OTHER:							$ -	0%
SUM NON-LACMTA FUNDS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**0**
TOTAL PROJECT FUNDS	$ 9,200,000	$ 4,500,000	$ 900,000	$ 1,200,000	$ 1,800,000	$ 1,500,000	$ 19,100,000	100%

ATTACHMENT B-1-4 - EXPENDITURE PLAN COST & CASH FLOW BUDGET

Measure R and Measure M Programs - Funding Agreement Projects - FA#: 9200000000MR31111

Project Title: Project Title: Pacific Coast Highway Signal System Improvements from John Tyler Drive to Topanga Canyon Boulevard

Project ID#: MR311.11/MM5503.15

PROGRAMMED SOURCES OF FUNDS

SOURCES OF FUNDS	Prior Years	FY 2021-22 Qtr 2	FY 2021-22 Qtr 3	FY 2021-22 Qtr 4	FY 2022-23 Qtr 1	FY 2022-23 Qtr 2	FY 2022-23 Qtr 3	FY 2022-23 Qtr 4	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:									
MEASURE R FUNDS:									
PAED	$2,354,000	$84,000	$85,000	$60,000	$30,000	$65,000	$47,000		$2,725,000
PS&E				$24,000	$28,000	$70,000	$23,000	$66,000	$211,000
ROW Support									$0
Construction Support						$0	$20,000	$2,000	$22,000
ROW									$0
Construction									$0
Total Measure R	$2,354,000	$84,000	$85,000	$84,000	$58,000	$135,000	$90,000	$68,000	$2,958,000
MEASURE M FUNDS:									
PAED									$0
PS&E									$0
ROW Support									$0
Construction Support									$0
ROW									$0
Construction									$0
Total Measure M	$0	$0	$0	$0	$0	$0	$0	$0	$0
SUM PROG LACMTA FUNDS:	$2,354,000	$84,000	$85,000	$84,000	$58,000	$135,000	$90,000	$68,000	$2,958,000
PROJECT FUNDING FY2021-22 and FY2022-23	$2,354,000	$84,000	$85,000	$84,000	$58,000	$135,000	$90,000	$68,000	$2,958,000

SOURCES OF FUNDS	FY 2023-24 Qtr 1	FY 2023-24 Qtr 2	FY 2023-24 Qtr 3	FY 2023-24 Qtr 4	FY 2024-25 Qtr 1	FY 2024-25 Qtr 2	FY 2024-25 Qtr 3	FY 2024-25 Qtr 4	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:									
MEASURE R FUNDS:									
PAED									$0
PS&E	$75,000	$100,000	$200,000	$149,000	$165,000	$240,000	$200,000	$100,000	$1,229,000
ROW Support									$0
Construction Support	$61,000	$52,000	$64,000	$171,000	$140,000				$488,000
ROW									$0
Construction	$245,000	$825,000	$1,007,500	$2,747,000	$2,492,000	$1,540,000	$1,532,500	$815,000	$11,204,000
Total Measure R	$381,000	$977,000	$1,271,500	$3,067,000	$2,797,000	$1,780,000	$1,732,500	$915,000	$12,921,000
MEASURE M FUNDS:									
PAED									$0
PS&E									$0
ROW Support									$0
Construction Support									$0
ROW									$0
Construction									$0
Total Measure M	$0	$0	$0	$0	$0	$0	$0	$0	$0
SUM PROG LACMTA FUNDS:	$381,000	$977,000	$1,271,500	$3,067,000	$2,797,000	$1,780,000	$1,732,500	$915,000	$12,921,000
PROJECT FUNDING FY2023-24 and FY2024-25	$381,000	$977,000	$1,271,500	$3,067,000	$2,797,000	$1,780,000	$1,732,500	$915,000	$12,921,000

SOURCES OF FUNDS	FY 2025-26 Qtr 1	FY 2025-26 Qtr 2	FY 2025-26 Qtr 3	FY 2025-26 Qtr 4	FY 2026-27 Qtr 1	FY 2026-27 Qtr 2	FY 2026-27 Qtr 3	FY 2026-27 Qtr 4	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:									
MEASURE R FUNDS:									
PAED									$0
PS&E	$10,000	$10,000	$10,000	$5,000					$35,000
ROW Support									$0
Construction Support									$0
ROW									$0
Construction	$292,000	$355,000	$31,000	$570,000	$310,000	$128,000			$1,686,000
Total MEASURE R	$302,000	$365,000	$41,000	$575,000	$310,000	$128,000	$0	$0	$1,721,000
MEASURE M FUNDS:									
PAED									$0
PS&E									$0
ROW Support									$0
Construction Support									$0
ROW									$0
Construction					$1,000,000	$425,000	$75,000		$1,500,000
Total MEASURE M	$0	$0	$0	$0	$1,000,000	$425,000	$75,000	$0	$1,500,000
SUM PROG LACMTA FUNDS:	$302,000	$365,000	$41,000	$575,000	$1,310,000	$553,000	$75,000	$0	$3,221,000
PROJECT FUNDING FY2025-26 and FY2026-27	$302,000	$365,000	$41,000	$575,000	$1,310,000	$553,000	$75,000	$0	$3,221,000
SUMMARY OF ALL FUNDS									
PAED	$2,354,000	$84,000	$85,000	$60,000	$30,000	$65,000	$47,000	$0	$2,725,000
PS&E	$85,000	$110,000	$210,000	$178,000	$193,000	$310,000	$223,000	$166,000	$1,475,000
ROW Support	$0	$0	$0	$0	$0	$0	$0	$0	$0
Construction Support	$61,000	$52,000	$64,000	$171,000	$140,000	$0	$20,000	$2,000	$510,000
ROW	$0	$0	$0	$0	$0	$0	$0	$0	$0
Construction	$537,000	$1,180,000	$1,038,500	$3,317,000	$3,802,000	$2,093,000	$1,607,500	$815,000	$14,390,000
TOTAL MILESTONES	$3,037,000	$1,426,000	$1,397,500	$3,726,000	$4,165,000	$2,468,000	$1,897,500	$983,000	$19,100,000
TOTAL LACMTA FUNDS	$3,037,000	$1,426,000	$1,397,500	$3,726,000	$4,165,000	$2,468,000	$1,897,500	$983,000	$19,100,000
TOTAL NON-LACMTA FUNDS	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTAL PROJECT FUNDING	$3,037,000	$1,426,000	$1,397,500	$3,726,000	$4,165,000	$2,468,000	$1,897,500	$983,000	$19,100,000

ATTACHMENT C-4
SCOPE OF WORK

PROJECT TITLE:
Pacific Coast Highway Signal System Improvements from John Tyler Drive to Topanga Canyon Boulevard

PROJECT LOCATION:
The project is located along Pacific Coast Highway/State Route 1 (PCH/SR 1) in the City of Malibu and the County of Los Angeles.

PROJECT LIMITS:
The project limits are along PCH/SR1 from the intersection of John Tyler Drive to the intersection of Topanga Canyon Boulevard. A distance of approximately 8 miles.

PROJECT DESCRIPTION INCLUDING MULTI-YEAR SUBREGIONAL PROGRAM AND PROJECT NEXUS:
The purpose of this project is to upgrade and interconnect the highway intersections and traffic signals from the intersection of John Tyler Dr. to the intersection Topanga Canyon Blvd. to improve traffic flow and reduce incident delay along PCH/SR 1. This project would install intersection and signal upgrades such as communication links, fiber links, adaptive signal control systems, changeable message signs, closed circuit television cameras, and traffic loops to enable Caltrans to monitor traffic flow and adjust signal timing remotely, to allow for real-time adaptive signal timing and manage traffic flow.

PROJECT BACKGROUND:
Currently, the traffic signals in this approximately 8-mile highway corridor are not all interconnected with each other and cannot be viewed or controlled remotely from the Caltrans Traffic Management Center. The signal timing can only be adjusted manually in the field which is problematic given the significant fluctuations in traffic volumes along the Malibu PCH/SR 1 corridor caused by variations in visitor and commuter traffic. As a result, there is often vehicular congestion and conflict at the intersections and traffic signals which can cause travel delays and collisions. The City of Malibu recently conducted a comprehensive study of safety along PCH/SR 1. The PCH Safety Study, approved by the Malibu City Council on June 22, 2015, identified this project as the corridor's number one priority highway safety improvement project. According to the study, the most common type of collisions on the highway are rear-end collisions approaching signalized intersections. The project improvements to the traffic signals and intersections would reduce conflict and the incidents of collisions.

PROJECT FUNDING:

PHASE	LACMTA – MEASURE R FUNDS	LACMTA – MEASURE M FUNDS	LOCAL/OTHER AGENCY (IF ANY)	TOTAL
PA/ED	$2,725,000	$0	$0	$2,725,000
PS and E	$1,475,000	$0	$0	$1,475,000
Construction Support	$510,000	$0	$0	$510,000
Construction Capital	$14,390,000	$1,500,000	$0	$14,390,000
TOTAL BUDGET COST	**$19,100,000**	**$1,500,000**	**$0**	**$19,100,000**

SCOPE:

The Project features include, but are not limited to, the following: installation of communication links between traffic signals and the Caltrans' Traffic Management Center, fiber links, adaptive signal control systems, changeable message signs, closed circuit television cameras, the development of timing plans, the installation of traffic loops and sensors and the installation of other traffic management techniques to manage traffic flow. In addition, associated traffic signal improvement work may include replacing and relocating traffic signal poles and equipment, upgrades to existing overhead warning signs, installing new overhead warning signs, installing new traffic signal phasing, and installing pedestrian countdown heads. Additional associated work may include asphalt concrete overlay, traffic loops, upgrading overhead warning signs, utility work, concrete work, concrete curb and gutter, storm water conveyance, the installation of striping, signage and other traffic control devices, and other minor components. A storm water pollution prevention plan and traffic control plan will be prepared and implemented for the project.

The project also features safety-related enhancements including: adding a Red-Light Enforcement Camera system to the new traffic signals, the development and implementation of a new safety adaptive signal system which will detect traffic speeds and modify signal timing to trigger red lights when speeding is detected, new pedestrian signals, the upgrade of an existing flashing hybrid beacon to a full pedestrian signal, adjusting the traffic signal timing to a "rest in red" mode, creating conceptual plans for a "boulevard" type reconfiguration of Pacific Coast Highway. Additionally, the project includes the installation of speed enforcement cameras and poles along PCH as well as the installation of speed feedback poles, signs and system.

PA/ED

The City will contract with a consultant for environmental analysis and permitting services, design services and design services during construction for the project. City staff and Caltrans staff shall perform project management and oversight.

I. Environmental Analysis – Environmental Clearance, Coastal Development Permit and Caltrans Project Initiation Document as Final Work Product

City, Caltrans, and Consultant to perform the following tasks:

A. Define a complete and detailed project description and delineate project study areas
B. Conduct technical analysis as required for the project including archeological and other studies
C. Prepare environmental documents consistent with CEQA Guidelines for review and approval by the City following completion of appropriate technical analysis and studies.
D. Prepare technical analysis or studies consistent with the City of Malibu's Local Coastal Program as required for the Coastal Development Permit
E. Prepare the Coastal Development Permit Application for review by the City
F. Prepare the environmental documents and the Coastal Development Permit application for public circulation
G. Make presentations to regulatory and permitting agencies as necessary
H. Prepare responses to public review of draft environmental documents and the Coastal Development Permit application.
I. Prepare Caltrans Project Initiation Document all associated work.
J. Prepare all other permit applications, technical studies and notifications required for the project.

DESIGN

The consultant will provide design services and City staff will perform project management and oversight.

I. Preliminary Design – "Design Memo and Renderings" as Final Work Product

City and Consultant to perform the following tasks:

A. Conduct field investigations to analyze the existing conditions and identify design issues. Record existing site conditions in drawings, photographs and/or video.
B. Examine and review all Right-of-Way maps, Parcel Maps, As-Built drawings and all other existing documents as appropriate.
C. Research, review and understand City of Malibu Local Coastal Program and City of Malibu General Plan.
D. Provide a complete survey of the project area, establishing horizontal and vertical control for the project.
E. Identify and coordinate with all utilities in the project area to facilitate the final design of the Project.
F. Research innovative traffic management techniques to manage traffic flow along highway corridor.
G. Work with Caltrans to develop the project's scope and preliminary design to ensure compatibility, connectivity and acceptance by the Caltrans' Traffic Management Center.
H. Work with Caltrans, County of Los Angeles, Los Angeles Country Metropolitan Transportation Authority, City of Los Angeles, and any other applicable municipal or regulatory agencies to develop the project's scope and preliminary design to ensure acceptance of proposed work within the Caltrans' right of way in the vicinity of PCH and Topanga Canyon Boulevard outside the Malibu city limits.
I. Prepare and submit a "Design Memo" detailing the proposed project improvements and the supporting engineering analysis.
J. Prepare and submit a Preliminary Engineer's Construction Cost Estimate for all recommended improvements identified in the "Design Memo."
K. Prepare rendering of recommended improvements identified in the "Design Memo."

II. Final Design – Plans, Specifications and Estimates as Final Work Product

Consultant to perform the following tasks:

A. Design the roadway and sidewalk improvements based on the City reviewed "Design Memo."
B. Prepare civil plans for the improvements, consistent with City format.
C. Submittal of plan set shall be delivered at 50%, 90% complete and final. Submittals at 50%, 90% and final levels of plans and specifications shall be submitted in hard copy and electronic formats.
D. Assist the City and conduct a Public Meeting at 50%, 90% submittal by preparing exhibits and attending workshop and be prepared to present the proposed project and discuss concerns of the residents, property owners and other stakeholders.

E. Work with Caltrans' and Caltrans' Traffic Control Center to ensure compatibility, connectivity and acceptance by the Caltrans' Traffic Management Center.
F. Prepare technical construction specifications consistent with City format (SSPWC "Greenbook" and CSI Format, most recent editions).
G. Submittal of specifications shall be delivered to the City at 50%, 90% complete and final in hard copy and electronic formats.
H. Prepare an Engineer's Construction Cost Estimate based on the itemized quantity take-off from the contract documents.
I. Submittal of the Engineer's Construction Cost Estimate shall be delivered to the City at 50%, 90% complete and final in hard copy and electronic formats.
J. Prepare Storm water Pollution Prevention Plan that satisfies the requirements of the City's storm water program, Caltrans requirements and all other applicable regulatory agencies.
K. Prepare a traffic control plan that satisfies the requirements of the City and Caltrans.

III. Caltrans Permitting – Caltrans' Encroachment Permit as Final Work Product

Consultant to perform the following tasks:

A. Determine the permitting documents and process required by Caltrans (Project Report, Project Study Report, Preliminary Engineering Evaluation Report, Encroachment Permit, etc.)
B. Prepare all Caltrans required permit documentation for the project in accordance with Caltrans
C. Conduct coordination meetings with Caltrans to facilitate permitting.
D. Submittal of plan set shall be delivered at 50%, 90% complete and final. Submittals at 50%, 90% and final levels of plans and specifications shall be submitted in hard copy and electronic formats.
E. Assist the City and conduct a Public Meeting at 50%, 90% submittal by preparing exhibits and attending workshop and be prepared to present the proposed project and discuss concerns of the residents, property owners and other stakeholders.

IV. Project Coordination - Preparation of Periodic Updated Schedule, Deliverables and Meetings

Consultant to perform the following tasks:

A. Meet as needed with the City to accomplish Project tasks as outlined. Meetings expected between the Consultant and City shall include but are not be limited to: Project Kick-off Meeting, presentation of "Design Memo", regular progress meetings and preparation for the Public Meetings at 90% design completion.
B. Provide periodic schedule updates on deliverables and meetings as changes to the original schedule occur or as needed based on the needs of the project.

V. Project Management

City to perform the following tasks:

A. Coordinate and oversee environment analysis, Caltrans coordination, permitting, Caltrans permitting, preliminary design, final design and public outreach.

CONSTRUCTION

The City will contract for construction management services for the project through the Request For Proposal process. City staff will provide construction management oversight. The City will award a low-bid contract for construction. The following tasks shall be performed:

I. Construction Management

Consultant to perform the following tasks:

A. The Construction Manager will provide contract administration and construction management as well as materials testing and inspection.
B. The Construction Manager shall meet with the City and Design Consultant to perform work as needed to accomplish Project tasks including but is not limited to: Pre-Bid Meeting, Pre-Construction Meeting, regular progress meetings and the review and preparation of Request for Information responses, Request for Change Order responses, progress payment requests, submittals, shop drawings, change orders and project closeout.

II. Design Services During Construction – Responses to RFIs, RFCs, Progress Payment Requests, Review of Submittals, Shop Drawings and Change Orders

Consultant to perform the following tasks:

A. The Design Consultant shall meet with the City and the Construction Manager and perform work as needed to accomplish Project tasks including but is not limited to: Pre-Bid Meeting, Pre-Construction Meeting, regular progress meetings and the review and preparation of Request for Information responses, Request for Change Order responses, progress payment requests, submittals, shop drawings, change orders, and project closeout.

III. Construction Contract

Contractor will perform the following tasks:

A. Construct project in accordance with the plans and specifications.

IV. Project Management

City to perform the following tasks:

A. Coordinate and oversee construction, construction management, and design services during construction.
B. Host Ribbon Cutting Ceremony.

Project Schedule:
MILESTONES: The estimated implementation schedule for this project will be as follows

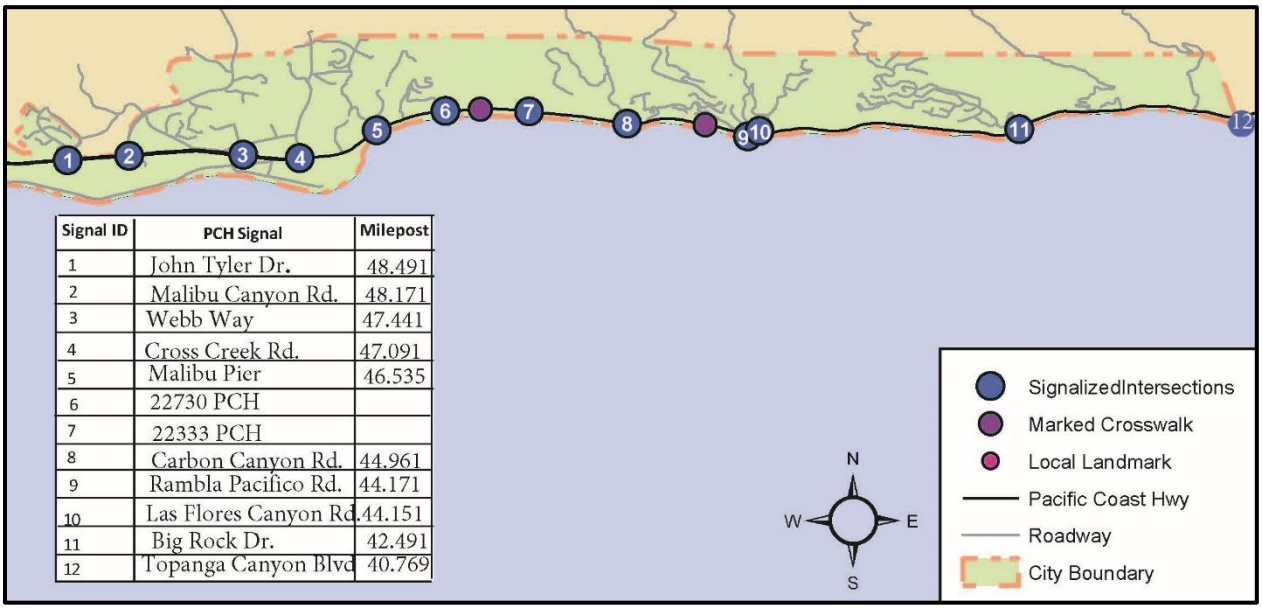
	START DATE	COMPLETION DATE
SOLICITATION (BID/PROPOSAL)		

Develop Solicitation Package	December 2016	December 2016
Solicitation Response		January 2017
Evaluations	February 2017	
Selection		March 2017
Board Approval		March 2017
Contract Award		March 2017
Fully Executed Contract		March 2017
PLANNING		
Prepare Concept Report	April 2017	June 2017
Prepare Feasibility Study		
Prepare Project Study Report Equivalent	June 2017	January 2018
PRELIMINARY DESIGN		
Prepare Detailed Construction Plans	May 2019	October 2020
PA&ED		
Prepare Environmental Document Document Categorical Exemption Filing	May 2018	May 2020
Draft Environmental Document	Sept 2018	April 2019
Final Environmental Document	May 2019	September 2020
PS&E		
50% PS&E	July 2020	October 2020
90% PS&E	October 2020	January 2022
Submit Final PS&E	January 2021	January 2021
Utility Relocation		
Third Party Coordination	April 2021	April 2021
Design Utilities	December 2020	April 2021
Relocate Utilities	December 2021	December 2021

CONSTRUCTION MILESTONES: The estimated implementation schedule for this project will be as follows.

	START DATE	COMPLETION DATE
Solicitation (Bid/Proposal)		
Develop Solicitation Package	September 2022	October 2022
Solicitation Response		
Evaluations		
Selection	October 2022	January 2023
Board Approval Process	October 2022	February 2023
Contract Award	October 2022	February 2023
Fully Executed Contract	October 2022	March 2023
Excavation		
Clear/Grub	August 2023	February 2026
Survey	August 2023	January 2024
Sample Borings		
Grading	September 2023	January 2024
Compaction	September 2023	January 2024
Concrete		
Form Work	September 2023	April 2026
Rebar Placement		
Pole Placement	September 2023	May 2026
Traffic Control		
TMP	September 2023	May 2026
Structural		
Pole Placement	September 2023	May 2026
Materials		
Long-Lead Equipment	June 2023	March 2026
Staging		
Material Lay Down Area	June 2023	June 2026
Signage	June 2023	June 2026
Electrical		
Power U/G Communication	January 2024	June 2026
A/G Testing/Acceptance	August 2023	June 2026
General Construction/close out project	June 2025	June 2026
Change Orders		
P.O. Processing Time	August 2023	June 2026
Project Completion	June 2025	July 2027

ATTACHMENT C-4 -Location Map(s)



Signal ID	PCH Signal	Milepost
1	John Tyler Dr.	48.491
2	Malibu Canyon Rd.	48.171
3	Webb Way	47.441
4	Cross Creek Rd.	47.091
5	Malibu Pier	46.535
6	22730 PCH	
7	22333 PCH	
8	Carbon Canyon Rd.	44.961
9	Rambla Pacifico Rd.	44.171
10	Las Flores Canyon Rd.	44.151
11	Big Rock Dr.	42.491
12	Topanga Canyon Blvd	40.769

LACMTA FA MEASURE R & MEASURE M ATTACHMENT D-3

QUARTERLY PROGRESS / EXPENSE REPORT

Grantee To Complete
Invoice #
Invoice Date
FA#
Quarterly Report #

GRANTEES ARE REQUESTED TO EMAIL THIS REPORT TO
ACCOUNTSPAYABLE@METRO.NET
or submit by mail to:
Los Angeles County Metropolitan Transportation Authority
Accounts Payable
P. O. Box 512296
Los Angeles, California 90051-0296
after the close of each quarter, but no later than November 30, February 28, May 31 and August 31. Please note that letters or other forms of documentation may **not** be substituted for this form. Refer to the Reporting and Expenditure Guidelines (Attachment D) for further information.

SECTION 1: QUARTERLY EXPENSE REPORT

Please itemize grant-related charges for this Quarter on Page 5 of this report and **include totals in this Section.**

	LACMTA MEASURE R Grant $	LACMTA MEASURE M GRANT $	TOTAL
Project Quarter Expenditure			
This Quarter Expenditure	$ -	$ -	$ -
Retention Amount	$ -	$ -	$ -
Net Invoice Amount (Less Retention)	$ -	$ -	$ -
Project-to-Date Expenditure			
Funds Expended to Date (Include this Quarter)	$ -	$ -	$ -
Total Project Budget	$ -	$ -	$ -
% of Project Budget Expended to Date			
Balance Remaining	**$ -**	**$ -**	**$ -**

SECTION 2: GENERAL INFORMATION

PROJECT TITLE: _____

FA #: _____

QUARTERLY REPORT SUBMITTED FOR:

Fiscal Year :

☐ 2020-2021 ☐ 2021-2022 ☐ 2022-2023
☐ 2023-2024 ☐ 2024-2025 ☐ 2025-2026

Quarter :

☐ Q1: Jul - Sep ☐ Q2: Oct - Dec
☐ Q3: Jan - Mar ☐ Q4: Apr - Jun

DATE SUBMITTED: _____

LACMTA MODAL CATEGORY:

☐ RSTI ☐ Pedestrian ☐ Signal Synchronization
☐ TDM ☐ Bicycle ☐ Goods Movement
☐ Transit ☐ Highways

LACMTA Project Manager	Name:	
	Phone Number:	
	E-mail:	

Project Sponsor Contact / Project Manager	Contact Name:	
	Job Title:	
	Department:	
	City / Agency:	
	Mailing Address:	
	Phone Number:	
	E-mail:	

SECTION 3 : QUARTERLY PROGRESS REPORT

1. DELIVERABLES & MILESTONES

List all deliverables and milestones as stated in the FA, with start and end dates. Calculate the total project duration. ***DO NOT CHANGE THE ORIGINAL FA MILESTONE START AND END DATES SHOWN IN THE 2ND AND 3RD COLUMNS BELOW.***

Grantees must make every effort to accurately portray milestone dates in the original FA Scope of Work, since this will provide the basis for calculating any project delay. If milestone start and/or end dates change from those stated in the Original FA Scope of Work, indicate the new dates under Actual Schedule below and re-calculate the project duration. However, this does not change the original milestones in your FA. PER YOUR FA AGREEMENT, ANY CHANGES TO THE PROJECT SCHEDULE MUST BE FORMALLY SUBMITTED UNDER SEPARATE COVER TO LACMTA FOR WRITTEN CONCURRENCE.

FA Milestones	Original FA Schedule in Scope of Work		Actual Schedule	
	Start Date	End Date	Start Date	End Date
Environmental Clearance				
Design Bid & Award				
Design				
Right-of-Way Acquisition				
Construction Bid & Award				
Ground Breaking Event				
Construction				
Ribbon Cutting Event				
Total Project Duration (Months)				

2. PROJECT COMPLETION

A. Based on the comparison of the original and actual project milestone schedules above, project is (select only one) :

☐ On schedule per original FA schedule
☐ Less than 12 months behind original schedule
☐ Between 12-24 months behind original schedule
☐ More than 24 months behind original schedule

B. Was the project design started within 6 months of the date originally stated in the FA?

☐ Yes ☐ No ☐ Not Applicable

C. Was a construction contract or capital purchase executed within 9 months after completion of design / specifications?

☐ Yes ☐ No ☐ Not Applicable

3. TASKS / MILESTONES ACCOMPLISHED

List tasks or milestones accomplished and progress made this quarter.

4. PROJECT DELAY

If project is delayed, describe reasons for delay (this quarter). Pay particular attention to schedule delays. If delay is for the same reason as mentioned in previous quarters, please indicate by writing "Same as Previous Quarter".

5. ACTION ITEMS TO RESOLVE DELAY

If the project is delayed (as described in #4), include action items that have been, or will be, undertaken to resolve the delay.

SECTION 4: ITEMIZED LISTING OF EXPENSES AND CHARGES THIS QUARTER

All expenses and charges must be itemized and listed below. Each item listed must be verifiable by an invoice and/or other proper documentation. The total amounts shown here must be equal to this quarter's expenditures listed on page 1 of this report. All expenses and charges must be reflective of the approved budget and rates as shown in the FA Attachment C, Scope of Work. Use additional pages if needed.

	ITEM	INVOICE #		TOTAL EXPENSES CHARGED TO LACMTA MEASURE R GRANT
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
TOTAL				

Note:
All receipts, invoices, and time sheets, attached and included with this Expense Report must be listed and shown under the Invoice Number column of the Itemized Listing (above).

Invoice Payment Information:

LACMTA will make all disbursements electronically unless an exception is requested in writing.
ACH Payments require registering in LACMTA's iSupplier portal and submitting an application.
The link to the portal can be found at http://media.metro.net/uploads/EBB/Vendor%20Portal%20Registration.pdf.
Written exception requests for Check Payments should be completed and emailed to Accounts Payable at ACCOUNTSPAYABLE@METRO.NET.

I certify that I am the responsible Project Manager or fiscal officer and representative of _____ and that to the best of my knowledge and belief the information stated in this report is true and correct.

_____ _____

Signature *Date*

_____ _____

Name *Title*

Attachment E-4

Los Angeles Metropolitan Transportation Authority

2027 Federal Transportation Improvement Program ($000)

TIP ID **LA0G1289** Implementing Agency **Malibu, City of**

Project Description: Pacific Coast Highway (PCH) Signal Systems Improvements from John Tyler Drive to Topanga Canyon Boulevard. The project limits are approximately 8 miles and include 12 signals along PCH. The project intends to interconnect the traffic signals to enable Caltrans to monitor and control the signals remotely and, if possible, for the traffic signals to adjust to real time traffic conditions. The project will also include additional intersection and traffic improvements.

SCAG RTP Project #: 7120005
Study:N/A Is Model: YES Model #:
PM: Rob DuBoux - (310) 456-2489
Email: rduboux@mailbucity.org
LS: N LS GROUP#:
Conformity Category: TCM

System :State Hwy | Route :1 | Postmile: 42 to 50 | Distance: 8 | Phase: Construction/Project Implementation begins | Completion Date 06/30/2035

Lane # Extd: 4 | Lane # Prop: 4 | Imprv Desc: Traffic Signal Synchronization | Air Basin: SCAB | Envir Doc: CATEGORICALLY EXEMPT - 03/01/2018

Toll Rate: 0.00 | Toll Colc Loc: | Toll Method: | Hov acs eg loc: | Uza: Los Angeles-Long Beach-Santa Ana | Sub-Area: | Sub-Region: Las Virgenes/Malibu COG

CTIPS ID: | EA #: | PPNO:

Program Code: ITS02 - SIGNAL SYNCHRONIZATION Stop Loc:

	PHASE	PRIOR	26/27	27/28	28/29	29/30	30/31	31/32	BEYOND	PROG TOTAL
MEASURE M MYSP (Multi Year Subregional Program)	PE				$0					$0
	RW				$0					$0
	CON				$1,500					$1,500
	SUBTOTAL				$1,500					$1,500
MR20H - Measure R 20% Highway	PE	$3,203			$0					$3,203
	RW	$0			$0					$0
	CON	$0			$14,397					$14,397
	SUBTOTAL	$3,203			$14,397					$17,600
	TOTAL	**$3,203**			**$15,897**					**$19,100**

TOTAL PE: $3,203 **TOTAL RW: $0** **TOTAL CON: $15,897** **TOTAL PROGRAMMED: $19,100**

- **General Comment:** The project is currently under construction. Scope has been expanded to include safety adaptive components and installation of speed cameras.
- **Modeling Comment:** Schedule of work was delayed due to the Franklin and Palisades Fires including damage to the recently installed infrastructure while under construction.
- **TCM Comment:** no significant change made
- **Amendment Comment:** N/A
- **CMP Comment:** N/A
- **Narrative:**

Last Revised **Amendment 27-02 - Submitted** **Change reason**:SCOPE CHANGE **Total Project Cost** **$19,100**