City Council Meeting
08-10-26
**Item 7.A.**

# Council Agenda Report

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

Prepared by: Nadia Fahoum, Associate Engineer
Susan Duenas, Public Safety Director

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

Approved by: Joseph D. Irvin, City Manager

Date prepared: July 8, 2026 Meeting date: August 10, 2026

Subject: Pacific Coast Highway (PCH) Signal Synchronization Project Update

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RECOMMENDED ACTION:

1) Receive an update on the Pacific Coast Highway (PCH) Signal Synchronization System Improvements Project; more specifically, the Speed Enforcement System component.
2)Appropriate $1,250,000 in Account No. 310-9066-5100 (PCH Signal Synchronization System Improvements Project).
3) Authorize the increase to the Public Works Director's authority to approve potential change orders up to $1,000,000 for a total contingency amount of $5,829,396 not to exceed total construction contract with GMZ Engineering, Inc. amount of $15,606,387 for the Pacific Coast Highway (PCH) Signal Synchronization System Improvements Project.
4) Authorize the Mayor to execute Amendment No. 6 to the Professional Services Agreement with Kimley Horn and Associates, Inc. (Kimley-Horn) in the amount of $108,300 for a total not to exceed $4,184,942.47. This proposed amendment includes additional engineering design services for speed enforcement cameras for the Pacific Coast Highway (PCH) Signal Synchronization System Improvements Project.
5) Receive an update on the Speed Enforcement System's programmatic implementation.

FISCAL IMPACT:
An additional appropriation is required. Funding for this project is included in the Adopted Budget for Fiscal Year 2026-2027 in Account No. 310-9066-5100 (PCH Signal Synchronization System Improvements Project).

This project is funded through Los Angeles County Metropolitan Transportation Authority (Metro) Measure R and Measure M allocations in the amount of $19,100,000. Additionally, this project was impacted by the Palisades Fire, City staff are working with the Federal Highway Administration (FHWA) for potential reimbursement up to $246,000.

The project expenses, design, construction, and contingencies include a total amount of $20,596,000; this amount incorporates the costs associated with PCH Signal Synchronization, Safety Adaptive, Speed Enforcement Systems, in addition to other safety enhancements. The estimated budget for the Speed Enforcement Systems is currently $2.1 million. However, the current funds are insufficient to complete the installation of the speed enforcement systems and its components; an additional $1,250,000 is required to complete the project.

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| **Project Funding** | |
| Metro Measure R | $17,600,000 |
| Metro Measure M | $1,500,000 |
| FHWA (repairs for damages from the Palisades Fire) | $246,000 |
| **Project Total Funding** | **$19,346,000** |
| **Project Estimate** | |
| Design | $4,358,080 |
| Construction | $15,606,388 |
| Construction Support | $556,532 |
| SCE (Energization) | $75,000 |
| **Project Total Costs** | **$20,596,000** |
| **Funding Shortfall** | **$1,250,000** |

| | |
|---|---|
| **Project Estimate by Project Components** | |
| PCH Signal Synchronization | $16,896,000 |
| PCH Safety Adaptative | $1,600,000 |
| **PCH Speed Enforcement System** | **$2,100,000** |
| **Project Total Costs** | **$20,596,000** |

The appropriation in the amount of $1,250,000 will support:

- Construction costs in the amount of $900,000 to complete power source connections to operate the speed enforcement systems. Change Order to GMZ to perform work will only occur if an appropriation is approved.
- Amendment to Kimley-Horn's agreement in the amount of $108,000 for support services. Additional services were needed from Kimley-Horn to modify the design plans and perform structural calculations to determine if the equipment provided could sustain the loads now required. This work was needed to obtain Caltrans' approval and issuance of the encroachment permit.
- SCE contracts and invoices for energization (approx. $75,000) until transfer to a new account code takes place. To energize the systems, SCE contracts and invoices for new service connections will need to be paid and range in varying amounts depending on region and work (typical for new service processes).
- The remainder of money is not anticipated to be expended, rather it's to provide unforeseen difficulty support.

Staff are requesting to utilize the General Fund to offset the funding shortfall to successfully complete the installation of the speed enforcement systems. The Speed Enforcement System is being installed per Senate Bill 1297, which states under section 22436, "*Revenues derived from any program utilizing a speed safety system for speed limit enforcement shall first be used to recover program costs. Program costs include, but are not limited to, the installation of speed safety systems, the adjudication of violations, and reporting requirements as specified in this section*". The appropriation of $1,250,000 is reimbursable to the city and sees first recovery from the revenues of the program.

Seeking additional allocations from Metro would take approximately 12 months, in which all work would need to halt until an approval is received. This timeframe would greatly impact the project by significantly reducing city's participation in the program as its sunset date per the bill is January 1, 2032. This delay would also result in the City not receiving estimated revenues of $4.5 Million.

Therefore, staff recommend an appropriation to this project in the amount of $1,250,000 from the General Fund Undesignated Reserves to Account No. 310-9066-5100 (PCH Signal Synchronization System Improvements Project) for a total revised project budget of $20,596,000.

The projected General Fund Undesignated Reserve balance as of July 1, 2026, is $51.2 million.

STRATEGIC PLAN IMPLEMENTATION: 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
**Strategy:** Installation of speed enforcement systems

DISCUSSION: The Pacific Coast Highway (PCH) Signal Synchronization System Improvements project (Project) has the objective of enhancing and improving traffic signals throughout the Malibu PCH corridor; which reduces congestion, regulates vehicle speeds, improves intersection performance, and enhances safety for motorists, pedestrians, cyclists, and transit users. Spanning approximately eight miles from Topanga Canyon Boulevard to John Tyler Drive, the project includes: upgrading traffic signal hardware and controllers, installing fiber optic communication infrastructure, deploying CCTV cameras, establishing real-time communication with Caltrans District 7 Traffic Management Center, implementing coordinated signal timing and adaptive safety technology.

On February 27, 2023, the City Council approved a construction agreement with GMZ Engineering, Inc. for the PCH Signal Synchronization System Improvements Project.

Following the tragic October 2023 fatal crash involving four Pepperdine University students, the City expanded the project scope to include the installation of speed enforcement systems along PCH to address the growing concerns of safety on PCH. Staff were directed to proceed with a layout and design of a speed enforcement system.

On September 23, 2024, the City Council approved Amendment No. 5 to the Professional Services Agreement with Kimley-Horn for the PCH Signal Synchronization System Improvements Project; which included assistance to prepare a plan for the placement and design of the speed enforcement systems.

On June 16, 2025, the City of Malibu Planning Commission approved Coastal Development Permit No. 25-024 to install speed enforcement systems at five regions along PCH.

On April 13, 2026, the City Council approved a Professional Services Agreement with Blue Line Solutions-CA, LLC (Blue Line) to implement and operate a Speed Safety Camera System Pilot Program. After which, it was discovered that the initial design required modification to be in alignment with the performance ability of the vendor's camera system and Senate Bill 1297. The level of construction effort needed to address these design modifications and successfully install and operate the systems was much more extensive than the available project budget. Most specifically, it was discovered that hard power connections were required for all poles - the cost of supplying hard power connections is the bulk of the appropriation needed.

On August 5, 2026, the PCH Signal Synchronization project was presented to the Administrative and Finance (A&F) Subcommittee. The recommendation of the A&F Subcommittee meeting will be provided to Council in the verbal report of the PCH Signal Synchronization System Improvements Project during the scheduled August 10, 2026, Council meeting.

**Program Implementation Update**
In addition to the progress on the infrastructure needed for the Speed Enforcement System, Public Safety staff are making significant progress on the full program implementation. The staff needed to implement the program are in place and are preparing to be trained on Blue Line Solution's web-based platform used for reviewing and managing citations. Staff are also finalizing the required processes for providing reduced citation fines and community service options for individuals who can verify indigent status. Since the City does not currently have a means of offering community service, staff are establishing an educational option, which the City of Oakland (another Pilot city) has also done to meet this requirement. Staff plan to enter into a license agreement with The Emily Shane Foundation to use the movie *21 Miles in Malibu* as the core component of an educational option.

Senate Bill 1297 also requires that a public education campaign be implemented at least 30 days prior to activating the Speed Safety System. Staff are currently working with Blue Line Solutions to develop a variety of outreach strategies to inform both Malibu residents and visitors about the program. Outreach will include comprehensive social media campaigns, paid advertising, press releases, and inserts to be included in the Warning Notices that will be issued in the first 60 days. A launch event is also being planned. It is anticipated that the public education campaign will begin the first week of August 2026.
Below are the program implementation milestones:

- Public Information and Education – The City will provide information about the Speed Safety System, including explanation of how it works, its implementation schedule, and the program's safety goals.
- Warning Period – A 60-day warning period will begin when the system is activated. During this period, motorists who exceed the speed threshold will receive warnings only.
- Enforcement Phase – After the warning period concludes, qualifying speeding violations will result in civil penalties.

ATTACHMENTS:

1. Amendment No. 6 to Agreement with Kimley-Horn
2.

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# AMENDMENT NO. 6 TO PROFESSIONAL SERVICES AGREEMENT

THIS AMENDMENT NO. 6 TO PROFESSIONAL SERVICES AGREEMENT (the "Amendment" is made and entered in the City of Malibu on August 10, 2026, by and between the City of Malibu, a municipal corporation, hereinafter referred to as City, and Kimley-Horn and Associates, Inc., a North Carolina corporation, hereinafter referred to as Consultant. City and Consultant are herein collectively referred to as "Parties" and separately as a "Party".

The City and the Consultant agree as follows:

## RECITALS

A. On May 8, 2017, the City entered into a Professional Services Agreement with Consultant for traffic engineering design services for the Pacific Coast Highway Signal System Improvements Project (the "Agreement").

B. On June 10, 2019, the City amended the Agreement to modify the scope of work to include additional traffic engineering services for planning, design, and environmental analysis for a Traffic Operations Center at City Hall, extend the term of the Agreement, and modify the compensation of services.

C. On March 8, 2021, the City amended the Agreement to modify the scope of work to include the Nobu traffic signal modification, additional environmental technical studies, and system integration services for the overall PCH signal system.

D. On May 9, 2022, the City amended the Agreement to extend the term and modify the scope of work to include support during the bidding and construction phases.

E. On February 12, 2024, the City amended the Agreement to extend the term and modify the scope of work to include rest in red traffic signal operation, red light camera enforcement, speed management using traffic signals, conversion of flashing beacons to traffic signals, and conceptual plans for corridor reconfiguration.

F. On September 23, 2024, the City amended the Agreement to increase the total compensation and modify the scope of work to develop and implement safety adaptive operations for PCH between John Tyler Drive and Big Rock Drive including design assistance to prepare a detailed plan for the placement of new speed feedback signs for the upcoming speed enforcement cameras.

G. The Parties desire to amend the Agreement to extend the term and modify the scope of work to include support around permitting requirements, Caltrans coordination, agency comments, or evolving field conditions and support implementation and construction activities for the Speed Camera Pilot Program through technical review and construction phase services, and Consultant has submitted a proposal for this purpose that is acceptable to the City.

NOW THEREFORE, in consideration of the mutual covenants and agreements set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. Section 1.0 of the Agreement (Scope of Work), is hereby amended as set forth in Exhibit A attached hereto. The services set forth in Exhibit A shall be in addition to the services that are currently performed under the Agreement. The Scope of Work shall now

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include structural calculations packages prepared for Caltrans review, revised and supplemental design plan sets; updated plans and supporting documentation for encroachment permit resubmittals; email-based review comments to the City; and RFI, material submittal, and show drawing review responses.

2. Section 2.0 of the Agreement (Term of Agreement), is hereby extended to December 31, 2026.

3. Section 4.0 of the Agreement (Compensation for Services), is hereby amended as set forth in Exhibit B attached hereto. The cost of services for this Agreement is increased in the amount of $108,300 for a total not to exceed $4,335,610.00 as shown in Exhibit B attached to this Amendment.

4. Incorporation of Exhibits. All exhibits attached to this Amendment are hereby incorporated into the Agreement by this reference. To the extent there is any conflict between an exhibit attached to this Amendment and the exhibits attached to the original Agreement, the exhibits attached to this Amendment shall control.

5. Authority to Execute. Each person executing this Amendment represents and warrants that they are duly authorized to execute this Amendment on behalf of the Party for whom they are signing and to bind that Party to the terms herein.

6. The Parties agree that this Amendment will be considered signed when the signature of a Party is delivered physically or by facsimile transmission or scanned and delivered via electronic mail. Such facsimile or electronic mail copies will be treated in all respects as having the same effect as an original signature.

7. All terms and conditions of the Agreement not amended by this Amendment remain in full force and effect.

8. The effective date of this Amendment is May 4, 2026.

This Amendment is executed on _____.

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CITY OF MALIBU, a municipal corporation:

_____
BRUCE SILVERSTEIN, Mayor

ATTEST:

_____
KELSEY PETTIJOHN, City Clerk
(seal)

APPROVED AS TO FORM:

_____
TREVOR RUSIN, Interim City Attorney

KIMBERLY-HORN AND ASSOCIATES, INC., a North Carolina corporation

By: Signed by: Sri Chakravarthy, PE 73629
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Name: Sri Chakravarthy, PE, TE
Title: Vice President

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# EXHIBIT A - Scope of Services

Kimley-Horn will provide the following scope of services as outlined below:

**Task 1: Additional Design Services**

Additional design services were required beyond the original scope to address permitting requirements, Caltrans coordination, agency comments, or evolving field conditions

- Prepare structural calculations for poles to support Caltrans review and approval (up to two versions of calculations each with two rounds of comments)
- Attend additional meetings with City and Caltrans staff and participate in field reviews
- Prepare two (2) additional rounds of design plan submittals and more detailed plan sets than initially anticipated
- Provide construction-phase review of electrical connections and pole installations prior to contractor's procurement of material
- Modify pole locations based on field conditions, agency direction, or constructability considerations
- Coordinate with Blueline Solutions to evaluate and develop alternative design options
- Revise design plans (up to two rounds)

**Task 1 Deliverables**

- Structural calculation packages prepared for Caltrans review
- Revised and supplemental design plan sets (PDF and CAD, as applicable)
- Updated plans and supporting documentation for encroachment permit resubmittals

**Task 2: Implementation and Construction Phase Services**

Kimley-Horn will support the City of Malibu through implementation and construction activities for the Speed Camera Pilot Program, providing technical review, and construction phase services.

- Review the contractor's proposed Speed Safety System for consistency with the City's Impact Report, Use Policy, and SB-1297
- Review the contractor's proposed acceptance testing procedures
- Review infraction data provided by the contractor
- Coordinate with City staff and the contractor throughout implementation and construction
- Respond to Requests for Information (RFIs)
- Review and provide recommendations on material submittals and shop drawings

**Task 2 Deliverables**

- Email-based review comments to the City
- RFI, material submittal, and shop drawing review responses (within seven business days)

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## EXHIBIT B - Fee and Billing

Kimley-Horn will perform the services described in Tasks 1 and 2 in the Scope of Services for an hourly not to exceed fee based on our current hourly rate schedule:

| Task No. | Task Description | Total Project Cost |
|---|---|---|
| Task 1 | Additional Design Services | $65,700 |
| Task 2 | Implementation and Construction Phase Services | $42,600 |
| | **Total Cost:** | **$108,300** |