

**AMENDMENT No. 4
TO MEASURE R FUNDING AGREEMENT BETWEEN
CITY OF REDONDO BEACH
AND
THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

This Amendment No. 4 to the Funding Agreement (this "Amendment"), is dated as of August 25, 2020 by and between the City of Redondo Beach ("Grantee") and the Los Angeles County Metropolitan Transportation Authority ("LACMTA").

RECITALS:

A. Grantee and LACMTA entered into that certain Funding Agreement No. MOU.MR312.07, dated August 15, 2011, which was amended on December 1, 2017, November 15, 2018 and August 31, 2019, (as amended the "Existing FA"), which Existing FA provides for the Plans, Specification and Estimates (PS&E), Right-of-Way, and Construction of Pacific Coast Highway at Torrance Boulevard Intersection Improvements (the "Project"); and

B. WHEREAS, the LACMTA Board on October 25, 2018 delegated administrative authority to staff to extend funding lapse dates to meet PAED, PS&E, ROW and Construction time frames; and

C. WHEREAS, the Grantee and LACMTA desire to extend the lapsing date of FY 2012-13 funds to June 30, 2021; and

D. WHEREAS, 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 II, Section 9.1 (vii) of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following: "All Funds programmed for FY 2011-12 have lapsed and are no longer available. All Funds programmed for FY 2012-13 are subject to lapse by June 30, 2021. All Funds programmed for FY 2018-19 are subject to lapse by June 30, 2023."
2. Attachment B1-3 of the Existing FA is hereby replaced by Attachment B1-4, attached.
3. Attachment C-3 of the Existing FA is hereby replaced by Attachment C-4, attached.
4. 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.4 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: _____

Phillip A. Washington
Chief Executive Officer

Date: _____

APPROVED AS TO FORM:

RODRIGO CASTRO-SILVA
Acting County Counsel

By: _____


Deputy

Date: 12/3/2020

GRANTEE:

CITY OF REDONDO BEACH

By: _____

William C. Brand
City Mayor

Date: _____

APPROVED AS TO FORM:

By: _____

Michael W. Webb
City Attorney

Date: _____

APPROVED AS TO FORM:

By: _____

Eleanor Manzano
City Clerk

Date: _____

ATTACHMENT B1-4 - EXPENDITURE PLAN COST & CASH FLOW BUDGET

Measure R Program - Funding Agreement Projects - FA# MOU.MR312.07 A-4

Project Title: Pacific Coast Highway at Torrance Blvd. Intersection Improvement - Project#: MR312.07

PROGRAMMED SOURCES OF FUNDS

SOURCES OF FUNDS	Prior Years	FY 2020-21 Qtr 1	FY 2020-21 Qtr 2	FY 2020-21 Qtr 3	FY 2020-21 Qtr 4	FY 2021-22 Qtr 1	FY 2021-22 Qtr 2	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:								
MEASURE R FUNDS:								
PAED								
PS&E	\$154,000							\$154,000
RW Support	\$9,000							\$9,000
RW								
Const. Support	\$50,000	\$22,000	\$10,000					\$82,000
Construction	\$270,482	\$257,065	\$162,453					\$690,000
Total MEASURE R	\$483,482	\$279,065	\$172,453	\$0	\$0	\$0	\$0	\$935,000
SUM PROG LACMTA FUNDS:	\$483,482	\$279,065	\$172,453	\$0	\$0	\$0	\$0	\$935,000
SUM NON-LACMTA FUNDS :	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT FUNDING FY20-21 and FY21-22	\$483,482	\$279,065	\$172,453	\$0	\$0	\$0	\$0	\$935,000
SUMMARY OF ALL FUNDS								
PAED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PS&E	\$154,000	\$0	\$0	\$0	\$0	\$0	\$0	\$154,000
RW Support	\$9,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000
RW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Const. Support	\$50,000	\$22,000	\$10,000	\$0	\$0	\$0	\$0	\$82,000
Construction	\$270,482	\$257,065	\$162,453	\$0	\$0	\$0	\$0	\$690,000
TOTAL MILESTONES	\$483,482	\$279,065	\$172,453	\$0	\$0	\$0	\$0	\$935,000
SUM PROG LACMTA FUNDS	\$483,482	\$279,065	\$172,453	\$0	\$0	\$0	\$0	\$935,000
SUM NON-LACMTA FUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT FUNDING	\$483,482	\$279,065	\$172,453	\$0	\$0	\$0	\$0	\$935,000

ATTACHMENT C-4 SCOPE OF WORK

PROJECT TITLE: F47 – Pacific Coast Highway at Torrance Blvd Intersection Improvements

PROJECT LOCATION:

The project is located in the City of Redondo Beach of the Los Angeles County, within the South Bay area.

PROJECT LIMITS:

This project limits are from the intersection of Pacific Coast Highway PCH or (State Route 1) and Torrance Boulevard to approximately 300 feet south of the intersection.

NEXUS TO HIGHWAY OPERATION DEFINITION / PROJECT PURPOSE:

The purpose of this project is to improve traffic flow, reduce congestion, enhance pedestrian safety, improve operations and traffic circulation along this congested corridor on and along Pacific Coast Highway (PCH), or State Route 1 (SR-1) and Torrance Boulevard.

PROJECT BACKGROUND:

Pacific Coast Highway is a major north-south State Highway that runs parallel to Interstate 405 (I-405) in the South Bay. Two previous regional and local planning studies were completed and identified a series of recommendations to improve traffic circulations along PCH. These studies include the *City of Redondo Beach Traffic Circulation Element* (City of Redondo Beach, 2009) approved in 2012 and *User-Based Microanalysis of State Route 1, Pacific Coast Highway* (SCAG, 2009). These prior studies identified the intersection of PCH and Torrance Boulevard as highly congested intersection, the proposed project will improve the level of service at the intersection.

PROJECT BUDGET:

COMPONENT	AMOUNT
PA/ED	000,000
PS and E	154,000
R/W Support	009,000
R/W Capital	000,000
Construction Support	082,000
Construction Capital	<u>690,000</u>
Total Budget	\$935,000

PROJECT SCOPE:

This project will result in the construction of an additional right turn lane (approximately 300 feet in length) on northbound Pacific Coast Highway, to the eastbound Torrance Boulevard. This proposed project will assist in decreasing travel time, relieve intersection backup and improve congested traffic conditions due to through and right

turning vehicles having to share the same lane. The intersection experiences long delays often up to several minute and is currently operation at a Level of Service of E during the AM peak hour, subsequently there is a queue spillback on all approaches.

The proposed improvements will also include signal modifications at the intersection of PCH and Torrance Boulevard, which will improve storage, mobility and pedestrian safety. The project will remove and relocate the traffic signal pole on the southeast corner, install new poles, replace the vehicle heads, pedestrian heads, push buttons, signage, and re-stripe the roadway and at the existing crosswalk at the southeast corner of PCH/Torrance Boulevard.

Additional improvements will also adjust to grade the existing traffic signal pull box, and relocate Caltrans pull boxes. The existing sidewalk on the southeast corner will be also be removed and re-constructed with a new street section, which will include an ADA curb ramp, are-constructed PCC sidewalk, cross gutter, and bus pad. Lane widths are to be provided per final Caltrans approved plans. Two catch basins, along with connecting storm drains, will be reconstructed at the proposed locations, per Plans approved by Los Angeles County Flood Control District.

DESIGN:

I. Preliminary Design

Tasks to be performed include the following, as applicable:

- A.** Account for field visits of the project area to identify design issues. Record existing site conditions in photographs and/or video.
- B.** Read, review and understand all aspects and goals of the Lead Agency's General Plan Circulation Element and other plans, as these plans pertain to the widening and ultimate build-out of the Pacific Coast Highway.
- C.** Incorporate agreed layout plans into the final design.
- D.** Provide a complete survey of the project area, establishing horizontal and vertical control for the project. Mapping shall include topographic features within 50 feet of project area.
- E.** Identify and coordinate with all utilities in the project area to facilitate the final design of the Project.
- F.** Conduct geotechnical investigations or substantiate with records of prior investigation and mitigation, if required by Caltrans.
- G.** Identify right-of-way acquisitions, and/or vacations to provide for the optimal alignment of Road, which shall incorporate roadway widening, development, build outs and preservation of existing improvements and scenic character of the area.
- H.** Identify street pavement structural sections for project area.
- I.** Identify all drainage/BMP structure improvements, based upon hydrology, hydraulic calculations and water quality issues. Structural

BMPs shall be incorporated into the street design for stormwater quality improvements prior to entering natural waterways.

- J.** Prepare and submit a Report/Drawings identifying the ultimate alignment of roadway improvements, as well as the recommended ultimate repair strategy for As part of the Report, the Consultant shall prepare and provide CAD drawings of the proposed alignment, which shall include vertical and horizontal alignment, improvements, and drainage/BMP structures. Right-of-way acquisitions and/or vacations, if applicable, shall be clearly identified.
- K.** Prepare and submit an Engineer's construction cost estimate for all recommended improvements identified in the Report.

II. Environmental Analysis

Tasks to be performed include the following, as applicable:

- A.** Define a complete and detailed project description and delineate project study areas that will meet the needs of technical analyses and Initial Study/Mitigated Negative Declaration (IS/MND).
- B.** Conduct the required technical analysis for the project.
- C.** Prepare, following completion of appropriate technical analysis, an Administrative Draft IS, consistent with CEQA Guidelines Appendix G, for review and approval by the City.
- D.** Prepare the Draft IS and Draft MND for public circulation.
- E.** Prepare responses to public review of Draft and prepare a Final MND and submit for review to the City.
- F.** Prepare an MMRP.
- G.** Coordinate with the City and prepare permit applications/notifications for the Project as applicable.
- H.** Delineation of the Waters of the US will be conducted within the ESL if applicable.
- I.** Prepare a final Tree report and map.

III. Final Design – Plans, Specifications and Estimates

Tasks to be performed include, but are not limited to, the following:

- A.** Design the ultimate build out of a right turn lane on northbound Pacific Coast Highway at Torrance Boulevard, and ultimate repair strategy for the intersection.
- B.** Prepare civil roadway plans for the required improvements, consistent with Caltrans Standards. At a minimum, the plan set shall include Title Sheet, Site Plan, General Construction Notes, Horizontal Control, Typical Sections and Details, Plan and Profile, Drainage/BMP

- Structure(s) Details, Traffic Striping/Signage/Signal Plans, Street Lighting/Electrical, Bike Lane (if any), and Median/Landscaping Plans.
- C.** Submittal of plan set shall be delivered at 50% and 90% complete and final (five (5) sets per submittal). When project is complete, the Consultant shall provide AutoCAD files for all plan sheets.
 - D.** Assist the City for the City Council presentation by preparing exhibits and attending meetings to discuss concerns of the property owners along Pacific Coast Highway, particularly with issues of right-of-way acquisition/easement.
 - E.** Prepare construction specifications consistent with Caltrans and City format (SSPWC "Greenbook" APWA), current edition with updates.
 - F.** Submittal of specifications shall be delivered to the City at 90% complete and final. When project is complete, the Consultant shall provide a digital file of specification package in Microsoft Word format for Windows.
 - G.** Prepare an engineer's construction cost estimate based on the itemized quantity take-off from the contract documents.
 - H.** Submittal of the engineer's construction cost estimate shall be delivered to the City at 90% complete and final in a spreadsheet format.

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

Tasks to be performed include the following, as applicable:

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

RIGHT-OF-WAY:

Consultant to Perform the Task of Support Services. City to obtain Right-of-Way from the property adjacent.

Consultant to perform the following tasks:

- A.** Prepare and provide exhibits, plats and legal descriptions for the properties requiring right-of-way acquisition, slope easements, temporary construction easements and/or right-of-entry.

- B.** Meet as needed with the City to accomplish Project tasks as outlined. Meetings expected between the Consultant and City, shall be and not be limited to: Project Kick-off Meeting, site visits, progress meetings and preparation for City Council meetings.
- C.** Provide periodic schedule updates on deliverables and meetings as changes to original schedule occur or as needed based on the needs of the project.

Consultant to perform the following tasks, as applicable:

- A.** Order title reports/litigation guarantees.
- B.** Present conceptual plans to property owners adjacent to project.
- C.** Shall choose an Appraiser to prepare and provide appraisal of properties requiring right-of-way acquisition.
- D.** Authorize appraisals and improvements pertaining to properties.
- E.** Notify and meet with property owners of appraisals and detailed improvements to their properties.
- F.** Set just compensation.
- G.** Present written offer letters and appraisal summaries to property owners.
- H.** Conduct negotiations to settlement.

CONSTRUCTION:

Lead Agency, here the City, expects to provide construction oversight, procure a consultant or use City's own staff for construction management, award a contract for construction and to perform the following tasks:

- A.** Conduct a "Ground Breaking" ceremony for the project. At the minimum, inform the community of the impending project with signs and pamphlets.
- B.** Contract with a separate engineering firm to provide Construction Management for the Project. This can be accomplished through an RFP. Grantee may provide Construction Management by their own staff, if available.
- C.** Contract with a licensed Contractor for construction.
- D.** Conduct a "Ribbon Cutting" ceremony at the completion of the Project.

The Design Consultant shall meet as needed with the Lead Agency to accomplish Project tasks as outlined. Meetings expected between the Consultant and Lead Agency shall include, but not be limited to, Pre-Construction Meeting, progress meetings and preparation of responses to RFIs.

MILESTONES: The proposed implementation schedule for this project will be as follows:

	START DATE	COMPLETION DATE
SOLICITATION(BID/PROPOSAL) DESIGN		
Develop Solicitation Package	January 1, 2012	January 31, 2012
Solicitation Response	February 1, 2012	February 28, 2012
Evaluations		
Selection		
Board Approval	May 1, 2012	May 3, 2012
Contract Award	May 1, 2012	May 3, 2012
Fully Executed Contract	May 4, 2012	May 31, 2012
PLANNING		
Prepare Concept Report		
Prepare Feasibility Study		
Prepare Project Study Report		
Intelligent Transportation System (ITS)		
Feasibility Study		
Concept Exploration		
PRELIMINARY DESIGN		
Prepare Detailed Design Plans		
Prepare Detailed Construction Plans		
Prepare Project Cost Estimate		
Intelligent Transportation System (ITS)		
Concept of Operations		
System Requirements		
High Level Design		
PA&ED	June 1, 2012	May 31, 2014
Prepare Environmental Document Document Type: Categorical Exemption Filing		
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		
Intelligent Transportation System (ITS)		

PS&E	June 1, 2014	December 31, 2017
35% PS&E	June 1, 2014	June 30, 2015
Preliminary Investigations		
Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		
Right-of-Way		
Estimating		
Civic Design	August 1, 2014	June 30, 2015
Structural Design	August 1, 2014	June 30, 2015
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		
65% PS&E	July 1, 2015	June 30, 2016
Civil Design Plans	July 1, 2015	June 30, 2016
Right-of-Way Engineering		
Structural Design		
Prepare Project Cost Estimate	July 1, 2015	June 30, 2016
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Project Review & Comments		
95% PS&E	July 1, 2016	June 30, 2017
Civil Design Plans	July 1, 2016	June 30, 2017
Structural Design		
Intelligent Transportation System (ITS)		

Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Submittals & Reviews		
Submit Final PS&E	July 1, 2017	December 31, 2017
Outside Agency Review	July 1, 2015	May 10, 2018
RIGHT OF WAY SUPPORT	July 1, 2016	October 31, 2019
Certification/Mapping		
Appraisal		
RIGHT OF WAY ACQUISITION		
Certification/Mapping		
Title Report	July 1, 2019	August 31, 2019
Meet with Property Owners		
Appraisal		
Environmental Investigation		
Closing/Acquire Property/Relocation		
Physical Possession		
Remediation		
Utility Relocation	July 1, 2019	December 31, 2019
Third Party Coordination	July 1, 2019	December 31, 2019
Design Utilities		
Relocate Utilities	November 1, 2019	December 31, 2019
SOLICITATION (BID/PROP.) CONSTRUCTION		
Develop Solicitation Package	June 1, 2019	Jun 30, 2019
Solicitation Response	July 1, 2019	July 31, 2019
Evaluations		
Selection		
Board Approval	October 16, 2019	November 6, 2019
Contract Award	November 7, 2019	December 31, 2019
Fully Executed Contract	November 7, 2019	December 31, 2019

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

	START DATE	COMPLETION DATE
Excavation	February 1, 2020	February 15, 2020
Clear/Grub	February 1, 2020	February 7, 2020
Survey		
Sample Borings		
Grading		
Compaction	February 8, 2020	February 15, 2020
Drainage	February 8, 2020	February 15, 2020
Environmental		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
Concrete		
Form Work	March 1, 2020	March 15, 2020
Rebar Placement		
Pole Placement	April 8, 2020	April 20, 2020
Traffic Control		
TMP	February 1, 2020	June 30, 2020
Structural		
False Work		
Iron Placement		
Pole Placement		
Utilities		
DWP		
SCE	April 1, 2020	April 30, 2020
LADOT	April 1, 2020	April 30, 2020
Materials		
Long-Lead Equipment		
Staging	May 1, 2020	May 31, 2020
Material Lay Down Area	May 1, 2020	May 31, 2020
Signage	May 1, 2020	May 31, 2020
Electrical		
Power U/G Communication	June 1, 2020	June 10, 2020
A/G Testing/Acceptance	June 1, 2020	June 10, 2020
Landscape		
Clearing		
Planting		
Plant Establishment		
Irrigation	June 1, 2020	June 30, 2020
Testing	June 21, 2020	June 30, 2020

	START DATE	COMPLETION DATE
Change Orders and Close Out	June 16, 2020	Dec 31, 2020
P.O. Processing Time	June 16, 2020	Dec 31, 2020
Weather		
Third Party Issues		
Strike Labor Walk Outs		
Force Majeure		
Claims		

ATTACHMENT C-4 -Location Map(s)

