

**AMENDMENT No. 5
TO MEASURE R FUNDING AGREEMENT BETWEEN
CITY OF REDONDO BEACH
AND
THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

This Amendment No. 5 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.MR312.20 dated August 15, 2011, which was amended on January 30, 2017, December 1, 2017, May 15, 2019 and August 31, 2019, (as amended the "Existing FA"), which Existing FA provides for the Plans, Specifications and Estimates (PS&E), Right-of-Way, and Construction of Aviation Boulevard at Artesia 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 FY2011-12 funds to June 30, 2021; and

D. WHEREAS, the 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 are subject to lapse by June 30, 2021'
2. Attachment B1-4 of the Existing FA is hereby replaced by Attachment B1-5, 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.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: _____

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: _____

ATTEST:

By: _____

Eleanor Manzano
City Clerk

Date: _____

ATTACHMENT B1-5 - EXPENDITURE PLAN COST & CASH FLOW BUDGET

Measure R Program - Funding Agreement Projects FA# MOU.MR312.20 A-5

Project Title: Aviation Boulevard at Artesia Boulevard Intersection Improvements Project#: MR312.20

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	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:						
MEASURE R FUNDS:						
PAED						\$0
PS&E						\$0
RW Support	\$212,592	\$2,408				\$215,000
Const. Support						\$0
RW	\$18,820	\$10,000	\$374,180			\$403,000
Construction				\$111,000	\$118,000	\$229,000
Total MEASURE R	\$231,412	\$12,408	\$374,180	\$111,000	\$118,000	\$847,000
PROJECT FUNDING F20-21	\$231,412	\$12,408	\$374,180	\$111,000	\$118,000	\$847,000
SUMMARY OF ALL FUNDS						
PAED	\$0	\$0	\$0	\$0	\$0	\$0
PS&E	\$0	\$0	\$0	\$0	\$0	\$0
RW Support	\$212,592	\$2,408	\$0	\$0	\$0	\$215,000
Const. Support	\$0	\$0	\$0	\$0	\$0	\$0
RW	\$18,820	\$10,000	\$374,180	\$0	\$0	\$403,000
Construction	\$0	\$0	\$0	\$111,000	\$118,000	\$229,000
TOTAL MILESTONES	\$231,412	\$12,408	\$374,180	\$111,000	\$118,000	\$847,000
SUM PROG LACMTA FUNDS	\$231,412	\$12,408	\$374,180	\$111,000	\$118,000	\$847,000
SUM NON-LACMTA FUNDS	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT FUNDING	\$231,412	\$12,408	\$374,180	\$111,000	\$118,000	\$847,000

ATTACHMENT C-4 SCOPE OF WORK

PROJECT TITLE: Aviation Boulevard at Artesia Boulevard Intersection Improvements Project

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 Aviation Boulevard on the south side of Artesia Boulevard for a length of approximately 250 feet south of the intersection.

NEXUS TO HIGHWAY OPERATION DEFINITION / PROJECT PURPOSE:

The intersection of Aviation Boulevard and Artesia Boulevard is a major entryway to the City of Redondo Beach. Artesia Boulevard is a primary travel corridor to Interstate I-405 (I-405) and State Route 91 (SR-91) freeways. This intersection improvement project will improve regional traffic flow and reduce congestion on two key arterials, an eligible Highway Operational Improvement.

PROJECT BACKGROUND:

Aviation Boulevard is a regionally significant arterial that supports the movement of commuters and goods in the South Bay region of LA County. This particular intersection is a major north-south corridor from the residential areas in the southern part of the South Bay and to the employment center to the north. Aviation Boulevard carries approximately 32,000 – 37,100 vehicles per day and Artesia Boulevard carries roughly 33,000 vehicles per day. Motorists, including commuters and goods transporters, traverse Aviation Boulevard to access many regionally significant destinations including LAX, El Segundo Employment Center, Galleria at South Bay, Del Amo Fashion Center and a host of Piers and beaches. Additionally, Aviation Boulevard is a critical link to several freeways in the region including I-405, I-105 and SR-91.

PROJECT BUDGET:

COMPONENT	AMOUNT
PS and E	215,000
R/W Capital	403,000
Construction Capital	<u>229,000</u>
Total Budget	\$ 847,000

PROJECT SCOPE:

The project will install an additional right turn lane (approximately 250 feet in length) on northbound Aviation Boulevard to eastbound Artesia Boulevard. Additionally, the proposed improvements include removing and constructing a new sidewalk in the acquired right-of way along with curbs, gutters and driveways; relocating the traffic signal pole on the southeast corner of the intersection; traffic striping modifications, installing new signal loop detectors, and new street pavement. The proposed improvements will require the purchase of additional right of way from the owner of the service station located at the southeast corner.

This proposed project will decrease travel time, relieve intersection backup and improve congested traffic conditions. Currently this intersection is heavily congested during the morning and afternoon rush hours, due to through and right turning vehicles sharing a single lane. The project will improve the current Level of Service, LOS F, at the intersection, to a LOS E.

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 Aviation Boulevard.
- 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 including the adjacent property. 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, as required.
- 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 relocation/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 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 required for the project 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. Perform Environmental Site Assessments as required by the City.
- B. 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).
- C. Conduct the required technical analysis for the project.
- D. Prepare, following completion of appropriate technical analysis, an Administrative Draft IS, consistent with CEQA Guidelines Appendix G, for review and approval by the City.
- E. Prepare the Draft IS and Draft MND for public circulation.
- F. Prepare responses to public review of Draft and prepare a Final MND and submit for review to the City.
- G. Prepare an MMRP.
- H. Coordinate with the City and prepare permit applications/notifications for the Project as applicable.
- I. Delineation of the Waters of the US will be conducted within the ESL if applicable.
- J. 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 Aviation Boulevard at Artesia Boulevard, and ultimate repair strategy for the intersection.
- B. Prepare civil roadway plans for the required improvements, consistent with City 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 the 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 owner of the service station, particularly with issues of right-of-way acquisition and easements.
- E. Prepare construction specifications consistent with 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 and Perform the Appraisal and Acquisition of the Right-of-Way from the adjacent property. 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.
- D.** Order title reports/litigation guarantees.
- E.** Present conceptual plans to property owners adjacent to project.
- F.** Shall choose an Appraiser to prepare and provide appraisal of properties requiring right-of-way acquisition.
- G.** Authorize appraisals and improvements pertaining to properties.
- H.** Notify and meet with property owners of appraisals and detailed improvements to their properties.
- I.** Set just compensation.
- J.** Present written offer letters and appraisal summaries to property owners.
- K.** 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 implementation schedule for this project will be as follows

	START DATE	COMPLETION DATE
Solicitation(Bid/Proposal)Design		
Develop Solicitation Package	February 1, 2012	March 31, 2012
Solicitation Response	May 1, 2012	June 30, 2012
Board Approval Process	March 1, 2015	May 19, 2015
Contract Award	March 1, 2015	May 19, 2015
Fully Executed Contract	May 20, 2015	July 15, 2015
PLANNING	NA	
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		
Prepare Environmental Document Document Type:_____		
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		
Intelligent Transportation System (ITS)		
Categorical Exemption Filing		
PS&E	July 16, 2015	October 31, 2020
35% PS&E	July 16, 2015	August 31, 2016
Preliminary Investigations	August 1, 2015	October 30, 2015
Preliminary Foundation	August 1, 2015	October 30, 2015
Geometric Drawings	August 1, 2015	October 30, 2015
Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		

Right-of-Way		
Estimating		
Civic Design	November 1, 2015	August 31, 2016
Structural Design	November 1, 2015	August 31, 2016
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		
65% PS&E	September 1, 2016	October 31, 2016
Civil Design Plans	September 1, 2016	October 31, 2016
Right-of-Way Engineering	September 1, 2016	October 31, 2016
Structural Design		
Prepare Project Cost Estimate	September 1, 2016	October 31, 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	October 1, 2018	September 30, 2020
Civil Design Plans	October 1, 2018	September 30, 2020
Structural Design	October 1, 2018	September 30, 2020
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	October 31, 2020	October 31, 2020
Outside Agency Review	October 31, 2020	October 31, 2020
RIGH OF WAY SUPPORT		

Certification/Mapping		
Appraisal		
RIGHT OF WAY ACQUISITION		
Certification/Mapping		
Title Report		
Meet with Property Owners	November 1, 2015	March 31, 2017
Appraisal	December 1, 2015	March 31, 2020
Environmental Investigation	January 1, 2019	June 30, 2020
Closing/Acquire Property/Relocation	December 1, 2017	December 31, 2020
Physical Possession	December 1, 2017	December 31, 2020
Remediation		
Utility Relocation		
Third Party Coordination		
Design Utilities		
Relocate Utilities		

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

	START DATE	COMPLETION DATE
SOLICITATION(BID/PROP.)CONST RUCT	November 1, 2020	December 15, 2020
Develop Solicitation Package	November 1, 2020	November 15, 2020
Solicitation Response	December 1, 2020	December 15, 2020
Evaluations		
Selection		
Board Approval	February 1, 2021	February 15, 2021
Contract Award	February 1, 2021	February 15, 2021
Fully Executed Contract	February 16, 2021	February 28, 2021
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
Concrete		
Form Work	March 1, 2021	March 31, 2021
Rebar Placement	March 1, 2021	March 31, 2021
Pole Placement	March 1, 2021	March 31, 2021
Traffic Control		
TMP		
Structural		
False Work		
Iron Placement		
Pole Placement		
Utilities		
DWP		
SCE	April 1, 2021	April 10, 2021
LADOT	April 1, 2021	April 10, 2021
Materials		

Long-Lead Equipment		
Staging	April 11, 2021	May 15, 2021
Material Lay Down Area	April 11, 2021	May 15, 2021
Signage	April 11, 2021	May 15, 2021
Electrical		
Power U/G Communication	May 16, 2021	May 31, 2021
A/G Testing/Acceptance	May 16, 2021	May 31, 2021
Landscape		
Clearing		
Planting		
Plant Establishment		
Irrigation		
Testing		
	START DATE	COMPLETION DATE
Change Orders	June 1, 2021	June 30, 2021
P.O. Processing Time	June 1, 2021	June 30, 2021
Weather		
Third Party Issues		
Strike Labor Walk Outs		
Force Majeure		
Claims		

ATTACHMENT C-4 -Location Map(s)

