

Transmittal 1

**AMENDMENT NO.1 TO MEASURE R FUNDING AGREEMENT  
BETWEEN PORT OF LOS ANGELES AND THE LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

This Amendment No. 1 to the Funding Agreement (this "Amendment"), is dated as of August 26, 2018 by and between the Port of Los Angeles ("Grantee") and the Los Angeles County Metropolitan Transportation Authority ("LACMTA").

**RECITALS:**

A. WHEREAS, at its April 27, 2017 meeting, the LACMTA Board of Directors programmed \$900,000 in Measure R Funds to Grantee subject to the terms and conditions contained in Existing FA; and

B. WHEREAS, Grantee and LACMTA entered into that certain Funding Agreement No. MOU.MR312.32, dated July 31, 2017, (the "Existing FA"), which Existing FA provides for Project Approval and Environmental Document (PA&ED) of the SR-47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration (the "Project"); and

C. WHEREAS, the funds set forth in the Existing FA are intended to fund Project Approval and Environmental Document (PA&ED) of the Project. The total designated for the Project is \$540,000; and

D. WHEREAS, at its April 26, 2018 meeting, the LACMTA Board of Directors approved an additional \$2,930,000 to fund PA&ED and Plans, Specifications, and Estimates (PS&E) of the Project for a total programmed amount of \$3,830,000; and

E. WHEREAS, the Grantee and LACMTA desire to amend the Existing FA to fund PA&ED and Plans, Specifications, and Estimates (PS&E) of the Project for a total project budget of \$3,570,000. The total designated amount for PA&ED is \$540,000 and \$3,030,000 for PS&E, for a total project budget of \$3,570,000; and

F. WHEREAS, the Funds are currently programmed for the Project as follows: \$900,000 in Measure R Funds in Fiscal Year (FY) FY 2016-17; \$700,000 in Measure R Funds in FY 2018-19; and \$2,230,000 in Measure R Funds in FY 2019-20. The total grant amount is \$260,000 lower than the board approved program amount of \$3,830,000; and

G. 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 1 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following: "Title of the Project (the "Project"): SR-47/Vincent Thomas Bridge SR-47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration – Project Approval and Environmental Document (PA&ED) and Plans, Specifications, and Estimates (PS&E). LACMTA Project ID# MR312.32 FTIP# LA0G1290."

2. Part I, Paragraph 2.2 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following: "LACMTA Board of Directors' actions on April 26, 2018 granted \$3,830,000 in Measure R Funds for the Project. 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 \$3,570,000 (the "Funds") for the Project. The Funds are programmed over three Fiscal Years (FY) FY 2016-17, FY 2018-19, and FY 2019-20."

3. Part II, Paragraph 9.1 (vii) of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following: "(vii) within five years or 60 months from July 1 of the Fiscal Year in which the Funds are programmed, unless otherwise stated in this FA. All Funds programmed for FY2016-17 are subject to lapse by June 30, 2021. All Funds programmed for FY2018-19 are subject to lapse by June 30, 2023. All Funds programmed for FY 19-20 are subject to lapse by June 30, 2024."

4. Attachment A of the Existing FA is hereby replaced by Attachment A-1,  
attached.

5. Attachment B-1 of the Existing FA is hereby replaced by Attachment B1-1,  
attached.

6. Attachment C of the Existing FA is hereby replaced by Attachment C-1,  
attached.

7. 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.1 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: \_\_\_\_\_  
Phillip A. Washington  
Chief Executive Officer

APPROVED AS TO FORM:

MARY C. WICKHAM  
County Counsel


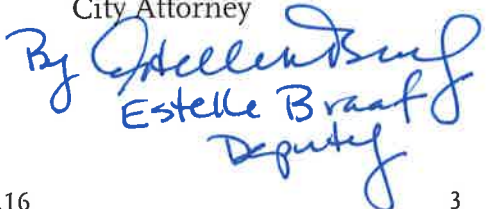
By:  \_\_\_\_\_ Date: 10/24/18  
Deputy

GRANTEE:

CITY OF LOS ANGELES – HARBOR DEPARTMENT

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Eugene D. Seroka  
Executive Director

APPROVED AS TO FORM AND LEGALITY:

By:  \_\_\_\_\_ Date: 10/25/18  
Mike Feuer  
City Attorney  
By:   
Estelle Braaf  
Deputy

**ATTACHMENT A-1 -PROJECT FUNDING**

Measure R Program - Funding Agreement Projects - FA# 920000000MR312.32

Project Title: SR-47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration Project#: MR312.32

**PROGRAMMED BUDGET - SOURCES OF FUNDS**

SOURCES OF FUNDS	Prior Years	FY2016-17	FY2017-18	FY 2018-19	FY2019-20	FY2020-21	Total Budget	% of Budget
LACMTA PROGRAMMED FUNDING								
MEASURE R FUNDS		\$ 900,000		\$ 700,000	\$ 1,970,000		\$ 3,570,000	
LACMTA PROGRAMMED FUNDS BY YEAR SUBTOTAL		\$ 900,000		\$ 700,000	\$ 1,970,000		\$ 3,570,000	100%
OTHER SOURCES OF FUNDING:								
LOCAL:							\$ -	0%
STATE:							\$ -	0%
FEDERAL:							\$ -	0%
PRIVATE OR OTHER:							\$ -	0%
OTHER FUNDING SUBTOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
<b>TOTAL PROJECT FUNDS</b>	\$ -	\$ 900,000	\$ -	\$ 700,000	\$ 1,970,000	\$ -	\$ 3,570,000	<b>100%</b>

**ATTACHMENT B1-1 - EXPENDITURE PLAN COST & CASH FLOW BUDGET**

Measure R Program - Funding Agreement Projects - FA.920000000MR312.32

Project Title: SR-47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration

Project#:MR312.32

**PROGRAMMED SOURCES OF FUNDS**

SOURCES OF FUNDS	Prior Years	FY 2018-19 Qtr 1	FY 2018-19 Qtr 2	FY 2018-19 Qtr 3	FY 2018-19 Qtr 4	FY 2019-20 Qtr 1	FY 2019-20 Qtr 2	FY 2019-20 Qtr 3	TOTAL BUDGET
<b>LACMTA PROGRAMMED FUNDS:</b>									
<b>MEASURE R FUNDS:</b>									
PAED				\$300,000	\$240,000				\$540,000
PS&E						\$300,000	\$200,000	\$250,000	\$750,000
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
<b>Total MEASURE R</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$240,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$1,290,000</b>
<b>PROP C 25%</b>									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
<b>Total PROP C 25%</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SUM PROG LACMTA FUNDS:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$240,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$1,290,000</b>
<b>SUM NON-LACMTA FUNDS :</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT FUNDING FY 17-18 FY18-19 and FY19-20</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$240,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$1,290,000</b>
SOURCES OF FUNDS	FY 2019-20 Qtr 4	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	FY 2021-22 Qtr 3	TOTAL BUDGET
<b>LACMTA PROGRAMMED FUNDS:</b>									
<b>MEASURE R FUNDS:</b>									
PAED									\$0
PS&E	\$200,000	\$600,000	\$700,000	\$500,000	\$280,000				\$2,280,000
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
<b>Total MEASURE R</b>	<b>\$200,000</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$500,000</b>	<b>\$280,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,280,000</b>
<b>PROP C 25%</b>									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
<b>Total PROP C 25%</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SUM PROG LACMTA FUNDS:</b>	<b>\$200,000</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$500,000</b>	<b>\$280,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,280,000</b>
<b>SUM NON-LACMTA FUNDS :</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT FUNDING FY 19-20 FY20-21 and FY21-22</b>	<b>\$200,000</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$500,000</b>	<b>\$280,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,280,000</b>
<b>SUMMARY OF ALL FUNDS</b>									
PAED	\$0	\$0	\$0	\$300,000	\$240,000	\$0	\$0	\$0	\$540,000
PS&E	\$0	\$0	\$0	\$0	\$0	\$300,000	\$200,000	\$250,000	\$750,000
RW Support	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Const. Support	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL MILESTONES</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$240,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$1,290,000</b>
<b>SUM PROG LACMTA FUNDS</b>	<b>\$200,000</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$800,000</b>	<b>\$520,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$3,570,000</b>
<b>SUM NON-LACMTA FUNDS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL PROJECT FUNDING</b>	<b>\$200,000</b>	<b>\$600,000</b>	<b>\$700,000</b>	<b>\$800,000</b>	<b>\$520,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$3,570,000</b>

## **ATTACHMENT C-1 SCOPE OF WORK**

### **PROJECT TITLE:**

SR- 47/Vincent Thomas Bridge & Front St./Harbor Blvd Interchange Reconfiguration

### **PROJECT LOCATION:**

The project is located on State Route 47 (SR-47) in the City of Los Angeles, in the Port of Los Angeles Area

### **PROJECT LIMITS:**

This project limits are 07-LA-047 – 0.3/0.89.

### **NEXUS TO HIGHWAY OPERATION, DEFINITION/PROJECT PURPOSE:**

This project will modify the existing SR-47/Front St. /Harbor Blvd Interchange to improve operations, safety, and access on this highly congested corridor. This project is an eligible Highway Operational Improvement Project.

### **PROJECT BACKGROUND:**

The project proposes to modify the existing on- and off-ramps at the SR-47 / Front Street / Harbor Blvd Interchange to improve safety, access, operations, and the movement of goods and traffic circulation in the area.

The existing SR-47/ Front St. / Harbor Blvd. Interchange configuration creates safety and operational issues caused by vehicle slowing and weaving on the ramp as vehicles approach the terminus. Traffic routinely backs up on both exit ramps during peak periods. Queuing on the eastbound exit can extend into the freeway lanes.

The eastbound loop on-ramp has short acceleration and merging lengths, approximately 30% of standard lengths, due to the close proximity of the Vincent Thomas Bridge. Slow moving traffic between the post mile limits of 07 - LA - 047 – 0.3/0.89 approaching from the loop must accelerate on an ascending grade to merge with faster moving mainline traffic. The westbound SR-47 on-ramp terminus is currently uncontrolled. A single left-turn pocket creates long queues on northbound Front Street as vehicles wait for gaps in southbound traffic to move onto the on-ramp, presenting safety and operational concerns.

The proposed traffic safety and operational improvements will be accomplished via replacement of the existing westbound (WB) off-ramp from the Vincent Thomas Bridge (VTB) currently located on the south side of the VTB, with a new off-ramp to be located on the north side of the VTB, realignment of the existing WB on-ramp onto the SR47 and I-110 connector, modification of the WB off-ramp onto Harbor Boulevard, and modification of the EB on-ramp onto the VTB toward Terminal Island.

**PROJECT BUDGET:**

<b>COMPONENT</b>	<b>AMOUNT</b>
PA/ED	540,000
PS and E	3,030,000
R/W Support	000,000
R/W Capital	000,000
Construction Support	000,000
Construction Capital	<u>000,000</u>
Total Budget	\$3,570,000

**SCOPE:**

The Project features include the Project Approval and Environmental Document (PA/ED) and the Plans, Specifications, and Estimates (PS&E) phases of the proposed State Route 47/Vincent Thomas Bridge & Front Street/Harbor Boulevard Interchange Reconfiguration Project. The proposed improvements will improve safety, access, and operations by eliminating existing deficiencies at the interchange and on/off ramps. Based on the proposed scope of work for the proposed project, preparation of an Initial Study (IS), Environmental Assessment (EA) is the appropriate environmental documentation for CEAQ/NEPA compliance.

Two alternatives will be considered for this project:

Alternative 1 – No Build

The No Build Alternative maintains the current configuration. As traffic volumes increase, traffic operation will deteriorate. This alternative does not meet the Project Need and Purpose nor Caltrans, Metro, or Port goals of providing mobility and good's movement. This alternative has no project costs.

Alternative 3

Alternative 3 proposes to reconfigure the existing interchange at State Route 47/Vincent Thomas Bridge and Harbor Boulevard/Front Street. The proposed improvements will eliminate a problematic weave at the shared off-ramp terminus by creating a new, separate terminus for the westbound ramps. Specific improvements are described below:

- The westbound off-ramp is directed on the former Pacific Harbor Line rail right-of-way toward a new ramp terminus on Front Street at the existing West Basin Container Gate signalized intersection.
- The westbound on-ramp shifts its terminus approximately 650 feet north along to the new ramp terminus at the existing West Basin Container Gate signalized intersection. The ramp is directed on the former Pacific Harbor Line rail right-of-way and joins the SR-47 mainline at the existing gore location.

- The eastbound off-ramp begins reconstruction 200 feet beyond the mainline gore. The existing one-lane ramp is widened to a two-lane exit ramp and the ramp cross-section is expanded from three to four lanes at the terminus intersection.
- The eastbound on-ramp utilizes space previously occupied by the westbound off-ramp to shift its gore west 200 feet to increase acceleration distance for merging traffic.
- The east end of Knoll Drive is realigned to meet Front Street approximately 250 feet north of its current intersection. The one-way direction of Knoll Drive is changed to westbound.

A Draft PAED, Final PAED and Final PS&E will be prepared in accordance with Caltrans Standards and Procedures.

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

	START DATE	COMPLETION DATE
<b>SOLICITATION (BID/PROPOSAL)</b>		
Develop Solicitation Package		
Solicitation Response		
Evaluations		
Selection		
Board Approval		
Contract Award		
Fully Executed Contract		
<b>PLANNING</b>	1/27/16	4/5/17
Prepare Concept Report		
Prepare Feasibility Study		
Prepare Project Study Report		
<b>Intelligent Transportation System (ITS)</b>		
Feasibility Study		
Concept Exploration		
<b>PRELIMINARY DESIGN</b>		
Prepare Detailed Design Plans		
Prepare Detailed Construction Plans		
Prepare Project Cost Estimate		
<b>Intelligent Transportation System (ITS)</b>		
Concept of Operations		
System Requirements		
High Level Design		
<b>PA&amp;ED</b>	5/1/17	12/31/18
Prepare Environmental Document Document Type: IS/EA		
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		
<b>Intelligent Transportation System (ITS)</b>		
Categorical Exemption Filing		
<b>PS&amp;E</b>	1/1/19	12/31/20
<b>35% PS&amp;E</b>	1/1/19	9/30/19
Preliminary Investigations		
Preliminary Foundation		
Geometric Drawings		

Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		
Right-of-Way		
Estimating		
Civic Design		
Structural Design		
<b>Intelligent Transportation System (ITS)</b>		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		
<b>65% PS&amp;E</b>	10/1/19	7/31/20
Civil Design Plans		
Right-of-Way Engineering		
Structural Design		
Prepare Project Cost Estimate		
<b>Intelligent Transportation System (ITS)</b>		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Project Review & Comments		
<b>95% PS&amp;E</b>	8/1/20	12/31/20
Civil Design Plans		
Structural Design		
<b>Intelligent Transportation System (ITS)</b>		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
<b>Submittals &amp; Reviews</b>		
Submit Final PS&E		
Outside Agency Review		

ATTACHMENT C -Location Map(s)

