

35814

**AMENDMENT No. 3
TO FUNDING AGREEMENT
BETWEEN CITY OF LONG BEACH AND THE LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY**

This Amendment No. 3 to the Funding Agreement (this "Amendment"), is dated as of August 18, 2022 by and between the City of Long Beach ("Grantee") and the Los Angeles County Metropolitan Transportation Authority ("LACMTA").

RECITALS:

- A. Grantee and LACMTA entered into that certain Funding Agreement No.9200000000MR31570, dated March 2, 2020, which was amended on September 20, 2021 and May 4, 2022, (the "Existing FA"), which Existing FA provides for the Artesia Great 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; and
- C. WHEREAS, this Project is eligible for funding under the Line 61 of the Measure M Expenditure Plan; and
- D. WHEREAS, the LACMTA Board, at its June 23, 2022 meeting, programmed \$13,668,000, in Measure M Funds to GRANTEE for PS&E and Construction, subject to the terms and conditions contained in this FA; and
- E. WHEREAS, the LACMTA Board on October 25, 2018, delegated administrative authority to staff to extend funding agreement lapse dates to meet PA&ED, PS&E, ROW and Construction time Frames; and
- F. WHEREAS, the Grantee and LACMTA desire to extend the lapsing date of FY2017-18 Measure R Funds to June 30, 2024; and
- G. WHEREAS, the Funds are currently programmed for the Project as follows \$1,450,000 in Measure R Funds in FY 2017-18, \$765,000 in Measure R Funds in FY 2021-22, \$4,112,000 in Measure R Funds in FY 2022-23, \$5,000,000 in Measure R Funds in FY 2023-24, \$3,264,059 in Proposition C 25% Funds in FY 2019-20, \$3,263,059 in Proposition C 25% Funds in FY 2020-21, \$1,560,000 in Measure M Funds in FY 2021-22, \$5,520,000 in Measure M Funds in FY 2022-23, and \$6,588,000 in Measure M Funds in FY 2023-24. The total designated amount for the Project is \$31,522,118; and
- H. 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 2.1 is hereby deleted in its entirety and is hereby amended by replacing it with the following: “Programmed funds for the Project consist of the following: Proposition C 25% funds, Measure R funds, and Measure M funds. The Proposition C 25% funds, the Measure R funds, and the Measure M funds together are referred to as “the Funds”.

2. Part I, Paragraph 2 of the Existing FA is hereby amended by adding a new paragraph 2.5 as follows: “To the extent the Measure M funds are available, LACMTA shall make to GRANTEE a grant of \$13,668,000 of Measure M funds (the “Funds”) for the Project. LACMTA Board of Directors actions on June 23, 2022 granted the Measure M Funds for the Project. The Measure M Funds are currently programmed in three (3) Fiscal Years: \$1,560,000 in FY 2021-22, \$5,520,000 in FY 2022-23, and \$6,588,000 in FY 2023-24.”

3. Part II, Section 8.1 paragraphs iv, v, vi, and vii of the Existing FA are hereby amended by deleting them in their entirety and replacing them with the following:

“(iv) Expending the Measure R Funds granted under this FA for allowable costs 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 Measure R Funds programmed for FY 2017-18 are subject to lapse by June 30, 2024.

(v) Expending the Measure R Funds granted under this FA for allowable costs within **three years or 36 months** from July 1 of the Fiscal Year in which the Funds are programmed, unless otherwise stated in this FA. All Measure R Funds programmed for FY 2021-22 are subject to lapse by June 30, 2024. All Measure R Funds programmed for FY 2022-23 are subject to lapse by June 30, 2025. All Measure R Funds programmed for FY 2023-24 are subject to lapse by June 30, 2026.

(vi) Expending the Proposition C 25% Funds granted under this Agreement for allowable costs by June 30, 2023 (lapse date), within **36 months** from July 1 of the FY 2020-21, final Fiscal Year in which funds are programmed.

(vii) Expending the Measure M Funds granted under this FA for allowable costs within **three years or 36 months** from July 1 of the Fiscal Year in which the Funds are programmed, unless otherwise stated in this FA. All Measure M Funds programmed for FY 2021-22 are subject to lapse by June 30, 2024. All Measure M Funds programmed for FY 2022-23 are subject to lapse by June 30, 2025. All Measure M Funds programmed for FY 2023-24 are subject to lapse by June 30, 2026.”

4. Attachment A-2 of the Existing FA is hereby replaced by Attachment A-3, attached.
5. Attachment B1-2 of the Existing FA is hereby replaced by Attachment B1-3, attached.
6. Attachment C-2 of the Existing FA is hereby replaced by Attachment C-3, attached.
7. Attachment E-2– TIP Sheet of the Existing FA is hereby replaced by Attachment E-3, attached.
8. 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.

FTIP #: LAF9130 & LAF7316

Project#: CFP#F9130 &
F7316/MR#315.70/MM#5509.09
Amendment No. 3
FA# 920000000MR31570

IN WITNESS WHEREOF, the parties have caused this Amendment No. 3 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: *for Tammy Pan*
for Stephanie N. Wiggins
Chief Executive Officer

Date: 9/8/2022

APPROVED AS TO FORM:

DAWYN R. HARRISON
Acting County Counsel

By: *Dawn Harrison*
Deputy

Date: 8/25/2022

GRANTEE:

CITY OF LONG BEACH

By: *Sandra F. Jarama*
Thomas Modica
City Manager

Date: 9-1-2022

**EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER.**

APPROVED AS TO FORM:

By: *Charles Parkin*
Charles Parkin
City Attorney

Date: AUGUST 29, 2022

ATTACHMENT A-3 PROJECT FUNDING
CALL FOR PROJECTS PROPOSITION C, MEASURE R, AND MEASURE M

Project Title: Artesia Great Boulevard

PROGRAMMED FUNDS

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total Budget
PROGRAMMED FUNDS								
Prop C 25% (CFP# F7316 & F9130)								
PAED								\$ -
PS&E			\$ 430,500.00					\$ 430,500.00
RW Support								\$ -
Const. Support								\$ -
RW								\$ -
Construction			\$ 2,833,559.00	\$ 3,263,059.00				\$ 6,096,618.00
								\$ 6,527,118.00
Total Programmed Prop C 25%								
Measure R (MR# 315.70)								
PAED								\$ -
PS&E	\$ 1,450,000.00				\$ 765,000.00			\$ 2,215,000.00
RW Support								\$ -
Const. Support								\$ -
RW								\$ -
Construction						\$ 7,289,600.00	\$ 1,822,400.00	\$ 9,112,000.00
								\$ 11,327,000.00
Total Programmed Measure R								
Measure M (MM#5509.09)								
PAED								\$ -
PS&E								\$ -
RW Support								\$ -
Const. Support								\$ -
RW								\$ -
Construction					\$ 1,560,000.00	\$ 5,520,000.00	\$ 6,588,000.00	\$ 13,668,000.00
								\$ 13,668,000.00
Total Programmed Measure M								
Total Prop C 25%, Measure R, and Measure M (LACMTA Funds)								
GRANTEE / SPONSOR MATCH: Grantee Funding								
Commitment (Local) (CFP# F7316 & F9130)								
PAED								\$ -
PS&E			\$ 245,000.00					\$ 245,000.00
RW Support								\$ -
Const. Support			\$ 364,025.00	\$ 609,000.00				\$ 973,025.00
RW								\$ -
Construction			\$ 1,598,000.00	\$ 900,000.00				\$ 2,498,000.00
			\$ 5,471,094.00	\$ 4,772,059.00	\$ 2,325,000.00	\$ 12,809,600.00	\$ 8,410,400.00	\$ 35,238,143.00
Total Grantee / Sponsor Match								
Total Funds Programmed								

ATTACHMENT B1-3 - EXPENDITURE PLAN COST & CASH FLOW BUDGET

Prop C %, Measure R, and Measure M Program - Funding Agreement Projects - FA#92000000MR31570
 Project Title: Artesia Great Boulevard Enhancement Project Project ID: CFP#F7316 & F9130/MR#315.70/MM#5509.09
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									\$0
PS&E	\$760,497	\$600,000	\$600,000	\$254,503					\$2,215,000
RW Support									\$0
Const. Support					\$200,000	\$225,000	\$225,000	\$225,000	\$875,000
RW									\$0
Construction						\$1,800,000	\$1,900,000	\$1,801,357	\$5,501,357
Total MEASURE R	\$760,497	\$600,000	\$600,000	\$254,503	\$200,000	\$2,025,000	\$2,125,000	\$2,026,357	\$8,591,357
MEASURE M FUNDS:									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction							\$1,000,000	\$1,000,000	\$2,000,000
Total MEASURE M	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000
PROP C 25%									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction						\$2,000,000	\$3,000,000	\$1,527,118	\$6,527,118
Total PROP C 25%	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$3,000,000	\$1,527,118	\$6,527,118
SUM PROG LACMTA FUNDS:	\$760,497	\$600,000	\$600,000	\$254,503	\$200,000	\$4,025,000	\$6,125,000	\$4,553,475	\$17,118,475
OTHER NON LACMTA FUNDING:									
LOCAL:									
PAED									\$0
PS&E		\$225,500	\$225,500	\$224,500					\$675,500
RW Support									\$0
Const. Support					\$200,000	\$200,000	\$200,000	\$200,000	\$800,000
RW									\$0
Construction						\$750,000	\$750,000	\$740,525	\$2,240,525
Total LOCAL	\$0	\$225,500	\$225,500	\$224,500	\$200,000	\$950,000	\$950,000	\$940,525	\$3,716,025
SUM NON-LACMTA FUNDS :	\$0	\$225,500	\$225,500	\$224,500	\$200,000	\$950,000	\$950,000	\$940,525	\$3,716,025
PROJECT FUNDING FY21-22 and FY22-23	\$760,497	\$825,500	\$825,500	\$479,003	\$400,000	\$4,975,000	\$7,075,000	\$5,494,000	\$20,834,500
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									\$0
RW Support									\$0
Const. Support	\$250,000	\$250,000	\$275,000						\$775,000
RW									\$0
Construction	\$1,000,000	\$960,643							\$1,960,643
Total MEASURE R	\$1,250,000	\$1,210,643	\$275,000	\$0	\$0	\$0	\$0	\$0	\$2,735,643
MEASURE M FUNDS:									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction	\$4,000,000	\$4,000,000	\$3,668,000						\$11,668,000
Total MEASURE M	\$4,000,000	\$4,000,000	\$3,668,000	\$0	\$0	\$0	\$0	\$0	\$11,668,000
PROP C 25%									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
Total PROP C 25%	\$0	\$0							
SUM PROG LACMTA FUNDS:	\$5,250,000	\$5,210,643	\$3,943,000	\$0	\$0	\$0	\$0	\$0	\$14,403,643
OTHER NON LACMTA FUNDING:									
LOCAL:									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
Total LOCAL	\$0	\$0							
SUM NON-LACMTA FUNDS :	\$0	\$0							
PROJECT FUNDING FY23-24 and FY24-25	\$5,250,000	\$5,210,643	\$3,943,000	\$0	\$0	\$0	\$0	\$0	\$14,403,643
SUMMARY OF ALL FUNDS									
PAED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PS&E	\$760,497	\$825,500	\$825,500	\$479,003	\$0	\$0	\$0	\$0	\$2,890,500
RW Support	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Const. Support	\$250,000	\$250,000	\$275,000	\$0	\$400,000	\$425,000	\$425,000	\$425,000	\$2,450,000
RW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$5,000,000	\$4,960,643	\$3,668,000	\$0	\$0	\$4,550,000	\$6,650,000	\$5,069,000	\$29,897,643
TOTAL MILESTONES	\$6,010,497	\$6,036,143	\$4,768,500	\$479,003	\$400,000	\$4,975,000	\$7,075,000	\$5,494,000	\$35,238,143
SUM PROG LACMTA FUNDS	\$6,010,497	\$5,810,643	\$4,543,000	\$254,503	\$200,000	\$4,025,000	\$6,125,000	\$4,553,475	\$31,522,118
SUM NON-LACMTA FUNDS	\$0	\$225,500	\$225,500	\$224,500	\$200,000	\$950,000	\$950,000	\$940,525	\$3,716,025
TOTAL PROJECT FUNDING	\$6,010,497	\$6,036,143	\$4,768,500	\$479,003	\$400,000	\$4,975,000	\$7,075,000	\$5,494,000	\$35,238,143

**ATTACHMENT C-3
SCOPE OF WORK
CAPITAL PROJECT****PROJECT NAME:**

Artesia Great Boulevard

PROJECT LOCATION/LIMITS/AREA:

The project limits on Artesia Boulevard are from the Western City Limit (at Harbor Avenue) to the Eastern City Limit (at Downey Avenue) for a total length of 3.2 miles.

PROJECT DESCRIPTION INCLUDING MULTI-YEAR SUBREGIONAL PROGRAM AND PROJECT NEXUS:

The purpose of the project is to improve safety and operational capacity on Artesia Boulevard, in the City of Long Beach. The City's recently adopted Mobility Element identifies four Congestion Hot Spots along the length of Artesia Boulevard, primarily due to its immediate proximity to SR-91. The Artesia Boulevard corridor is located approximately 1,000 feet to the South of SR-91 and runs parallel to the State highway. Unexpected events that occur on SR-91 typically create recurring congestion that typically negatively impacts the operational efficiency of Artesia Boulevard. Within the project limits there are six highway interchanges that impact the operations of Artesia Boulevard when SR-91 has events. While Artesia Boulevard must continue to serve regional traffic and spillover traffic from SR-91, it must also allow for travel that is more efficient for all modes, including vehicles, bicyclists, pedestrians, and transit.

OVERALL PROJECT SCOPE:

In an effort to achieve economies of scale, minimize redundancies, and deliver a single, cost-effective project the City of Long Beach and the Los Angeles County Metropolitan Transportation Authority have agreed to consolidate the three projects, Artesia Corridor Adaptive Traffic Control System (ATCS) Enhancement Project, Artesia Great Boulevard, and Artesia Boulevard Project as the Artesia Great Boulevard (the "Project"). The overall Project scope includes all scope elements from each of the three projects. However, each of the three projects include specific eligible scope elements and budgetary requirements that shall be followed through the development of the Project and identified in the Individual Project Scope and Budget Requirements.

The Scope of Work (SOW) for the Project includes a series of operational improvements along the 3.2-mile length of Artesia Boulevard, within the City of Long Beach. Project features include the following elements.

The Project includes re-design of existing center medians. Geometrical roadway changes would modify existing medians for the accommodation of new roadway geometrics that will enhance capacity and operational improvements. The original scope noted narrowing existing 18-foot wide medians to 10-foot wide; however, based on further design development capacity enhancement, operational improvements and complete street elements are accomplished with median widths typically of 12-feet. Center medians will be upgraded with new landscaping and irrigations systems to improve overall aesthetics on the corridor. Signalized intersections will be modified with bulb-outs that will provide additional safety by shortening the crossing distance for

pedestrians. The construction of bulb-outs will also improve signal timing by shortening pedestrian crossing distances and reducing signal cycle lengths. Additional hardscape work will include the design and constructions of new bulb-outs with bio swales for on-site drainage where needed. New catch basins will be added to address problematic flooding and standing water.

The Project will upgrade and modify traffic signals within the 3.2-mile corridor. Equipment that is past its service life will be replaced. Equipment including 12-inch signal indications, mast arm poles, ADA compliant push buttons, damaged traffic signs, signal poles shall be replaced, and protected left turns are to be added to increase driver visibility and improve the level of safety that is provided to drivers along the corridor. All existing signalized intersections will receive new 2070 signal controllers that will accommodate ethernet based communications back to The City of Long Beach Traffic Management Center (TMC) in the new downtown Civic Center.

A fiber optic cable and communications system and related equipment will be designed and constructed that that will help achieve the Intelligent Transportation Systems (ITS) related signal and communications goals. Fiber optic cable installation along the entire length of the corridor will interconnect each traffic signal and accommodate traffic signal, CMS and Closed-Circuit Television (CCTV) communications to the City's Traffic Management Center (TMC). All of the traffic signal-related equipment upgrades, when coupled with the fiber-based ITS infrastructure, will help traffic flow more efficiently and improve the level of safety for all who traverse the Artesia Boulevard corridor.

Another key aspect of the Project involves the installation of important ITS components. CCTV cameras will be installed at 7 critical intersections along the corridor. The cameras will assist Traffic Engineering staff to monitor live traffic conditions throughout the corridor. Furthermore, the Project plans to install a pair of Changeable Message Signs (CMS). The CMS installation will provide directional guidance to motorists and enable the presentation of real-time dynamic messages that will improve traffic flow and improve the level of safety along the entire corridor. During periods of recurring congestion (planned or unplanned) that occur on SR-91 and/or I-710, un-informed drivers have been known to utilize Artesia Boulevard as their major alternate route. The CMS will help to direct motorists on and off the Artesia Boulevard arterial in an efficient manner.

The Project will also upgrade/convert all street lighting to modern energy efficient LED fixtures. Improved lighting levels will enhance safety, discourage crime and urban blight while helping to encourage overall walkability of the entire corridor.

The Project incorporates Active Transportation (AT) improvements that enhance bicycle and pedestrian facilities. The narrowing of the center median islands will provide width in the roadway to design and construct a Class IV protected bike lane throughout the corridor. This will accommodate adequate separation of vehicular traffic from bicycles and pedestrians.

Several important pedestrian convenience and beautification components related to enhancing and improving the walkability of the corridor will be installed. The Project will install continental crosswalks, limit lines in advance of crosswalks, and audible pedestrian push buttons at signalized locations, all of which will enhance the pedestrian experience throughout the corridor.

The Project will involve upgrading the transit facilities within the corridor. Transit improvements will occur at most Metro and Long Beach Transit intersection stops that will include improved bus shelters at 18 locations and the construction of bulb-outs 20 intersections. The original scope identified 16 locations for bus shelters and 5 locations for bulb-outs; however, based on further design development and coordination with LB Transit, the number of shelters and intersections to be improved for pedestrian safety have increased. Transit signal priority (TSP) technology will be implemented with upgraded traffic signal coordination timing leveraging signal system communications that are part of the Project. Continued coordination is required with Metro’s Highway ITS Department and LBTransit for the future development and implementation of TSP. Furthermore, two new bus stops will be established on the corridor, with one being near the college entrance. The original scope had identified a new bus stop location near the I-710 ramps; however, based on coordination meetings with LBTransit, the location is not ideal.

Once fully constructed, the Project will bring together safety and operational improvements, along with complete streets components, to realize a true complete streets project. Improvements will enhance safety, capacity, and operational efficiency for all modes of travel.

INDIVIDUAL PROJECT SCOPE AND BUDGET REQUIREMENTS:

Artesia Corridor ATCS Enhancement Project – F7316

Artesia Corridor ATCS Enhancement Funding Budget

Prop C 25% - CALL FOR PROJECTS		% of Budget
LACMTA MATCH – Design and Construction	\$1,827,037	60%
Grantee/Sponsor Match – Design and Construction	\$1,218,025	40%
Total	\$3,045,062	100%

Artesia Corridor ATCS Enhancement Scope of Work

The scope of work includes ITS components like upgrading traffic signals along the corridor between Long Beach Boulevard and Downey Avenue to advance traffic controllers to connect with the Adaptive Traffic Control System (ATCS). Closed Circuit Television cameras (CCTV) will be installed at seven intersections along with four changeable message signs on Artesia Boulevard. New traffic signal will be installed near the college entrance, west of Gale, in Compton. A Class IV bike lane in both directions from Atlantic Avenue to Susana Road will be installed which will also include dedicated use lane markings, legends, crosswalks, and signs. Pedestrian improvements will be furnished all at pedestrian crossing locations along Artesia Boulevard. Fiber optic cable and other communication devices will be installed to close existing gaps. The installation of fiber optic cable along the entire length of the corridor will assure that all signals are connected to each other and the traffic management center (TMC).

Artesia Great Boulevard – F9130

Artesia Great Boulevard Funding Budget

Prop C 25% - CALL FOR PROJECTS		% of Budget
LACMTA MATCH – Design and Construction	\$4,700,081	65.3%
Grantee/Sponsor Match – Design and Construction	\$2,498,000	34.7%

Total	\$7,198,081	100%
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Artesia Great Boulevard Scope of Work

The scope of work will include street lighting, pedestrian beautification components, active transportation and transit facilities improvements. Geometrical roadway changes would narrow the existing medians for the accommodation of new roadway geometrics that will enhance capacity and operational improvements. The narrowing of the center median islands will provide width in the roadway to design and construct a Class IV bike lane throughout the corridor. This will accommodate adequate separation of vehicular traffic from bicycles and pedestrians. Intersections will be modified with bulb-outs that will provide additional safety by shortening the crossing distance for pedestrians. The construction of bulb-outs will also improve signal timing by shortening pedestrian crossing distances and reducing signal cycle lengths. Traffic signals will be improved with countdown pedestrian heads and audible signals at 11 intersections. Additional hardscape work will include the design and constructions of new bulb-outs with bio swales for on-site drainage where needed. Center medians will be upgraded with new drought-tolerant landscaping and irrigations systems to improve overall aesthetics on the corridor. Street furniture will be installed along the corridor. Transit stops will be improved with enhanced bus shelters at 18 transit stops. The original scope had identified 16; however, based on further engineering and coordination, 18 locations were identified.

Artesia Boulevard – MR315.70 and MM5509.09

Artesia Boulevard Funding Budget

Measure R		% of Budget
LACMTA MATCH – Design and Construction	\$11,327,000	100%
Grantee/Sponsor Match – Design and Construction	\$0	0%
Total	\$11,327,000	100%

Measure M		% of Budget
LACMTA MATCH – Design and Construction	\$13,668,000	100%
Grantee/Sponsor Match – Design and Construction	\$0	0%
Total	\$13,668,000	100%

The scope of work include operational improvements to reduce congestion along Artesia Boulevard and to improve speed and reliability for general purpose traffic flow by adding new signals and signal updates and channelization, signing, striping and pavement that improves traffic flow in an existing State Highway corridor by reducing congestion and operation deficiencies at spot locations that do not significantly expand the design capacity of the system and are intended to address recurrent congestion. The project will conduct the preliminary engineering and environmental document, design and construction phases.

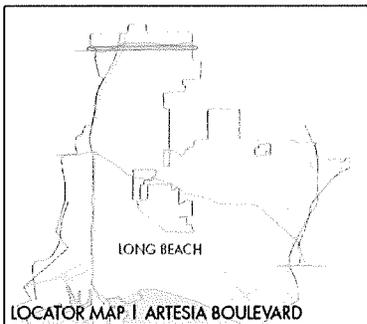
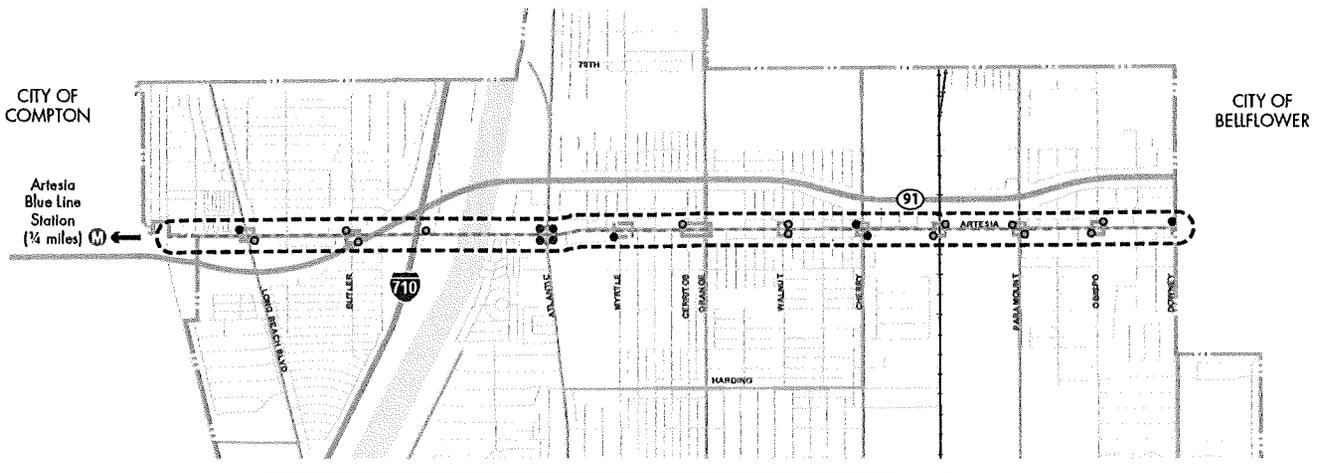
PROJECT FUNDING:

Description	LACMTA – MEASURE R	LACMTA – MEASURE M	LACMTA – PROP C Call for Project (ATCS Enhancement)	LACMTA – PROP C Call for Project (Artesia Great Boulevard)	Grantee/ Sponsor Match	TOTAL
	MR315.70	MM5509.09	F7316	F9130		
Preliminary Engineering & Environmental Document, Design & Construction <i>(0% match requirement)</i>	\$11,327,000	\$13,668,000				\$24,995,000
Design and Construction <i>(40% match requirement)</i>			\$1,827,037		\$1,218,025	\$3,045,062
Design and Construction <i>(34.7% match requirement)</i>				\$4,700,081	\$2,498,000	\$7,198,081
TOTAL BUDGET COST	\$ 11,327,000	\$ 13,668,000	\$ 1,827,037	\$ 4,700,081	\$ 3,716,025	\$35,238,143

PROJECT DETAILED SCHEDULE:

Milestones	Begin	End	Duration (months)
Environmental Documentation	1/6/2020	8/1/2020	7
Plans, Specifications, and Estimates	1/19/2021	2/28/2022	13
Advertise for Construction	6/27/2022	8/24/2022	2
Construction	10/1/2022	12/31/2023	15
Project Completion	1/1/2024	3/31/2024	3

PROJECT MAP:



- NOTE: IMPROVEMENTS NOT SHOWN ON EXHIBIT**
- Realtime tracking
 - LED street lighting
 - Street trees and landscaping
 - Street furniture

LEGEND

- Metro Blue Line Station
- Bus-stop with Full Bus Shelter and Bicycles
- Full Bus Shelter Upgrade
- Enhanced Crossings
- Class II Bike Lane
- ▭ Project Area

Los Angeles Metropolitan Transportation Authority 2023 Federal Transportation Improvement Program (\$000)

TIP ID **LAF9130** Implementing Agency **Long Beach, City of**

Project Description: Establishing a Great Street (Or Multimodal Corridor) in Long Beach - implementing the City's street prioritization framework. Improvement includes round-about, bus shelter upgrade, bulb-out, enhanced crossing, and Class II bike lane (3 miles)

SCAG RTP Project #: 101007
Study: N/A Is Model: NO Model #:
PM: Michelle Mowery - (562) 570-6618
Email: michelle.mowery@longbeach.gov
LS: N LS GROUP#:
Conformity Category: TCM Committed

System :Local Hwy Route : Postmle: Distance: Phase: Engineering/Plans, Specifications and Estimates (PS&E) Completion Date 05/01/2024

Lane # Extd: 4 Lane # Prop: 0 Imprv Desc: enhance mobility for non-automobile travel (first/last mile) Air Basin: SCAB Envir Doc: CATEGORICALLY EXEMPT - 07/02/2020

Toll Rate: 0.00 Toll Colc Loc: Toll Method: Hov acs eg loc: Uza: Los Angeles-Long Beach-Santa Ana Sub-Area: Sub-Region: Gateway Cities COG

CTIPS ID: EA #: PPNO:

Program Code: NCN25 - BICYCLE & PEDESTRAIN FACILITIES-NEW Stop Loc:

	PHASE	PRIOR	22/23	23/24	24/25	25/26	26/27	27/28	BEYOND	PROG	TOTAL
CITY - City Funds	PE		\$210								\$210
	RW		\$0								\$0
	CON		\$2,288								\$2,288
	SUBTOTAL		\$2,498								\$2,498
MEASURE M MYSP (Multi Year Subregional Program)	PE		\$0								\$0
	RW		\$0								\$0
	CON		\$13,668								\$13,668
	SUBTOTAL		\$13,668								\$13,668
MR20H - Measure R 20% Highway	PE		\$2,215	\$0							\$2,215
	RW		\$0	\$0							\$0
	CON		\$0	\$9,112							\$9,112
	SUBTOTAL		\$2,215	\$9,112							\$11,327
PC25 - Los Angeles County Proposition "C25"	PE		\$0								\$0
	RW		\$0								\$0
	CON		\$4,700								\$4,700
	SUBTOTAL		\$4,700								\$4,700
	TOTAL		\$2,215	\$29,978							\$32,193

TOTAL PE: \$2,425 TOTAL RW: \$0 TOTAL CON: \$29,768 TOTAL PROGRAMMED: \$32,193

- General Comment: Additional funding for construction. No change in scope.
- Modeling Comment:
- TCM Comment:
- Amendment Comment:
- CMP Comment:
- Narrative:

Last Revised Amendment 23-04 - Submitted Change reason: COST INCREASE Total Project Cost \$32,193

Los Angeles Metropolitan Transportation Authority 2023 Federal Transportation Improvement Program (\$000)

TIP ID **LAF7316** Implementing Agency **Long Beach, City of**

Project Description: Modification to Proj Desc: (1) Upgrades traffic signals along Artesia Bl between Long Beach Bl and Downey Av to connect with Adaptive Traffic Control System (ATCS) (2) Installs CCTV and CMS on Artesia Bl (3) Installs fiber optic cable and devices to connect signals to each other and traffic management center (TMC) (4) New traffic signals in shared jurisdictions with Compton on the west end and Bellflower on the east end (5) Install Class 4 bikeways in both directions (6) Pedestrian Improvements

SCAG RTP Project #: 4ITS04
Study: N/A Is Model: YES Model #: PM: Kevin Riley - (562) 570-6618
Email: kevin.riley@longbeach.gov
LS: N LS GROUP#: Conformity Category: TCM Committed

System :Local Hwy Route : Postmile: Distance: Phase: Engineering/Plans, Specifications and Estimates (PS&E) Completion Date 06/30/2023

Lane # Extd: 4 Lane # Prop: 4 Imprv Desc: Integrate Artesia Blvd. into the ATCS system, install CCTVs and Changeable Message Signs, and bicycle, transit and pedestrian improvements. Air Basin: SCAB Envir Doc: CATEGORICALLY EXEMPT - 07/02/2020
Toll Rate: 0.00 Toll Colc Loc: Toll Method: Hov acs eg loc: Uza: Los Angeles-Long Beach-Santa Ana Sub-Area: Sub-Region: Gateway Cities COG

CTIPS ID: EA #: PPNO:

Program Code: ITS02 - SIGNAL SYNCHRONIZATION Stop Loc:

	PHASE	PRIOR	22/23	23/24	24/25	25/26	26/27	27/28	BEYOND	PROG	TOTAL
CITY - City Funds	PE	\$84									\$84
	RW	\$0									\$0
	CON	\$1,134									\$1,134
	SUBTOTAL	\$1,218									\$1,218
PC25 - Los Angeles County Proposition "C25"	PE	\$127									\$127
	RW	\$0									\$0
	CON	\$1,700									\$1,700
	SUBTOTAL	\$1,827									\$1,827
TOTAL		\$3,045									\$3,045
TOTAL PE: \$211			TOTAL RW: \$0		TOTAL CON: \$2,834		TOTAL PROGRAMMED: \$3,045				

- General Comment:
- Modeling Comment: 1) Completion Date: 12/31/2022. 2) DELAY REASONS: Delay Reason: Procuring consultant for final design. 3) OVERCOME DELAY: Design consultant was requested to accelerate final design schedule.
- TCM Comment: 1) Completion Date: 12/31/2022. 2) DELAY REASONS: Delay Reason: Procuring consultant for final design. 3) OVERCOME DELAY: Design consultant was requested to accelerate final design schedule.
- Amendment Comment:
- CMP Comment:
- Narrative:

Last Revised Amendment 23-99 - CTC PENDING Change reason: SCHEDULE DELAY, SCOPE CH **Total Project Cost \$3,045**