

**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 15, 2022, 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. 920000000M31242 dated January 16, 2015, which was amended on August 31, 2019, August 25, 2020 and August 25, 2021, (as amended, the "Existing FA"), which Existing FA provides for the Project Approval and Environmental Document (PAED), Plans, Specifications and Estimates (PS&E), Right-of-Way, and Construction of Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) (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 2014-15 and FY 2015-16 funds to June 30, 2024; 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: “(vii) Expending the Funds granted under this FA for allowable costs by the lapsing date. All Funds programmed for FY 2013-14 have lapsed and are no longer available. All Funds programmed for FY 2014-15 are subject to lapse by June 30, 2024. All Funds programmed for FY 2015-16 are subject to lapse by June 30, 2024.”

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.

FTIP #: LA0G997
Subregion ID: Interchange 405, I-110, I-105 and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
Amendment No. 4
FA# 920000000MR31242

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: 
for Stephanie N. Wiggins
Chief Executive Officer

Date: 2/15/2023

APPROVED AS TO FORM:

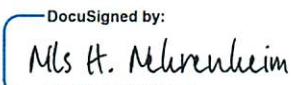
DAWYN R. HARRISON
Interim County Counsel

By: 
Deputy

Date: 1/13/2023

GRANTEE:

CITY OF REDONDO BEACH

By: 
For William C. Brand
City Mayor
Nils H. Nehrenheim,
Mayor Pro Tempore

Date: 2/9/2023 | 4:17 PM PST

APPROVED AS TO FORM:

By: 
Michael W. Webb
City Attorney

Date: 2/9/2023 | 3:15 PM PST

ATTEST:

By: 
Eleanor Manzano
City Clerk

Date: 2/9/2023 | 5:47 PM PST

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

Measure R Program - Funding Agreement Projects - FA# 920000000MR31242 A-4

Project Title: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane)

Project#: MR312.42

PROGRAMMED SOURCES OF FUNDS

SOURCES OF FUNDS	Prior Expenditures	FY 2022-23 Qtr 1	FY 2022-23 Qtr 2	FY 2022-23 Qtr 3	FY 2022-23 Qtr 4	FY 2023-24 Qtr 1	FY 2023-24 Qtr 2	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:								
MEASURE R FUNDS:								
PAED	\$20,000							\$20,000
PS&E	\$420,000							\$420,000
RW Support	\$60,000							\$60,000
Const. Support		\$25,000	\$50,000	\$60,000	\$30,000			\$165,000
RW	\$446,580	\$35,750	\$301,670	\$326,000	\$100,000	\$1,600,000		\$2,810,000
Construction			\$350,000	\$1,150,000	\$150,000	\$50,000		\$1,700,000
Total MEASURE R	\$946,580	\$60,750	\$701,670	\$1,536,000	\$280,000	\$1,650,000	\$0	\$5,175,000
PROP C 25%								
PAED								\$0
PS&E								\$0
RW Support								\$0
Const. Support								\$0
RW								\$0
Construction								\$0
Total PROP C 25%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUM PROG LACMTA FUNDS:	\$946,580	\$60,750	\$701,670	\$1,536,000	\$280,000	\$1,650,000	\$0	\$5,175,000
SUM NON-LACMTA FUNDS :	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT FUNDING FY22-23 and FY23-24	\$946,580	\$60,750	\$701,670	\$1,536,000	\$280,000	\$1,650,000	\$0	\$5,175,000
SUMMARY OF ALL FUNDS								
PAED	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
PS&E	\$420,000	\$0	\$0	\$0	\$0	\$0	\$0	\$420,000
RW Support	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Const. Support	\$0	\$25,000	\$50,000	\$60,000	\$30,000	\$0	\$0	\$165,000
RW	\$446,580	\$35,750	\$301,670	\$326,000	\$100,000	\$1,600,000	\$0	\$2,810,000
Construction	\$0	\$0	\$350,000	\$1,150,000	\$150,000	\$50,000	\$0	\$1,700,000
TOTAL MILESTONES	\$946,580	\$60,750	\$701,670	\$1,536,000	\$280,000	\$1,650,000	\$0	\$5,175,000
SUM PROG LACMTA FUNDS	\$946,580	\$60,750	\$701,670	\$1,536,000	\$280,000	\$1,650,000	\$0	\$5,175,000
SUM NON-LACMTA FUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT FUNDING	\$946,580	\$60,750	\$701,670	\$1,536,000	\$280,000	\$1,650,000	\$0	\$5,175,000

ATTACHMENT C-4

SCOPE OF WORK

PROJECT TITLE: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane)

PROJECT LOCATION:

The project is located in the County of Los Angeles, in the City of Redondo Beach.

PROJECT LIMITS:

The project limits are the Northwest Corner of Inglewood Ave. at Manhattan Beach Blvd., from the corner to approximately 300 feet north of the intersection.

NEXUS TO HIGHWAY OPERATION DEFINITION/PROJECT PURPOSE:

The purpose of this project is to construct a southbound right turn lane on Inglewood Ave. at the intersection of Manhattan Beach Blvd. to eliminate congestion for the southbound through traffic. Inglewood Blvd. is a major travel corridor from the I-405 freeway. This project will improve the flow of traffic through this intersection.

BUDGET:

COMPONENT	AMOUNT
PA/ED	20,000
PS and E	420,000
R/W Support	60,000
R/W Capital	2,810,000
Construction Support	165,000
Construction Capital	<u>1,700,000</u>
Total Budget	\$5,175,000

PROJECT BACKGROUND:

The Inglewood Ave Corridor is one of the most highly congested arterial roads and carries approximately 57,000 vehicles daily to and from the I-405 freeway and local streets, and approximately 3,400 and 4,000 vehicles travel through this corridor during the a.m. and p.m. peak hours, respectively. In 2007, an intersection LOS analysis conducted by the Redondo Beach Circulation Element found that the intersection of Inglewood Avenue and Manhattan Beach has been operating at LOS E-AM and LOS F-PM.

SCOPE:

Inglewood Avenue runs north-south, located at the boundary between the City of Redondo Beach and the City of Lawndale, carries heavy traffic off of the Interstate I-405. Southbound Inglewood Avenue at the intersection of Manhattan Beach Blvd currently have the following lane configuration:

- One left turn lane
- Two through lanes
- One right turn lane

Currently, the intersection running at its lowest level of service & capacity causing significant delay and back-up traffic during the peak hours. This project will study and explore all necessary improvements at the intersection in order to reduce congestion and improve the level of service. City of Redondo Beach will acquire necessary right-of-way in order to accommodate one additional right turn lane for the southbound Inglewood Avenue at the intersection of Inglewood Avenue and Manhattan Beach Blvd. This project would explore various alternatives, design and construct the most feasible one. If feasible, the southbound Inglewood will have the following final configuration:

- One left turn lane
- Three through lanes
- One right turn lane

The intersection traffic signal and pedestrian phasing should be re-designed and improved using the latest state of the art traffic detection and signal technology. All necessary utility relocations are to be done under this project in order to accommodate one additional southbound lane, including Metropolitan Water District's utility vents & appurtenances and Southern California Edison power poles. City of Redondo Beach will coordinate the intersection improvements with the City of Lawndale.

DESIGN:

I. **Preliminary Design – “Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report” as Final Work Product**

“Consultant” Staff to perform the following tasks:

- 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 Inglewood Ave.
- C. Obtain 24 hour and other necessary traffic counts to compare existing Level of Service to future with project Level of Service at the intersection.
- D. Incorporate provided layout plans to be incorporated into the final design.
- E. 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.
- F. Identify and coordinate with all utilities in the project area to facilitate the final design of the Project.

- G. Conduct soil contamination investigations within a 500 feet radius of Inglewood Ave and Manhattan Beach Blvd. intersection.
- H. 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.
- I. Obtain street pavement structural sections for project area.
- J. 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.
- K. Prepare and submit a Report identifying the ultimate alignment of roadway improvements, as well as the recommended ultimate repair strategy for the Inglewood Ave. at Manhattan Beach Blvd. Southbound Right Turn Lane Improvements. 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 shall be clearly identified.
- L. Prepare and submit an Engineer's construction cost estimate for all recommended improvements identified in the Report.

II. Environmental Analysis

"Consultant" Staff to perform the following tasks as applicable to the project:

- 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.

III. Final Design – Plans, Specifications and Estimates

"Consultant" Staff to perform the following tasks:

- A. Design the ultimate build out of Inglewood Ave, and ultimate repair strategy for Inglewood Ave., based on the City reviewed "**Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report**".
- B. Prepare civil roadway plans for the required improvements, consistent with City format. 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/Bikeway/Signage/Signal Plans, and Street Lighting/Electrical.
- C. Submittal of plan set shall be delivered at 35%, 65%, 90%, 95% complete and final (five (5) sets per submittal). When project is complete, the Consultant shall provide signed and stamped CAD files for all plan sheets.

- D. Assist the City for the Community Information Workshop after the 90% submittal by preparing exhibits and attending workshop and be prepared to discuss concerns of the property owners along Inglewood Ave, particularly with issues of right-of-way acquisition.
- 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 65% and 90% complete and final in a spreadsheet format.

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

"Consultant" Staff to perform the following tasks:

V.

- 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, presentation of "Summary Letter Report", 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:

The budget includes Right-of-Way Support and Right-of-Way Capital costs.

"Consultant" Staff 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 rights-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" Staff to perform the following tasks

- 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 expects to provide construction oversight, procure a consultant for construction management and let a low bid contract for construction and to perform the following tasks:

- A. Conduct a "Ground Breaking" ceremony for the project.
- B. Contract with a separate engineering firm to provide Construction Management for the Project. This will be accomplished through an RFP.
- C. Contract with a 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 be and not be limited to: Pre-Construction Meeting, progress meetings and preparation of response to RFIs.

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

	START DATE	COMPLETION DATE
SOLICITATION (BID/PROPOSAL)		
Develop Solicitation Package	May 1, 2015	September 1, 2015
Solicitation Response	September 23, 2015	November 1, 2015
Evaluations	November 1, 2015	November 27, 2015
Selection	November 27, 2015	December 4, 2015
Board Approval	February 2, 2016	March 1, 2016
Contract Award	March 1, 2016	March 1, 2016
Fully Executed Contract	April 1, 2016	April 1, 2016
PLANNING		
Prepare Concept Report	May 1, 2016	November 1, 2016
Prepare Feasibility Study	May 1, 2016	November 1, 2016
Prepare Project Study Report	May 1, 2016	November 1, 2016
Intelligent Transportation System (ITS)		
Feasibility Study		
Concept Exploration		
Insert other planning milestones		
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		
Insert other prelim design milestones		
PA&ED		
Prepare Environmental Document Document Type: _____	November 1, 2016	
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		February 1, 2017
Intelligent Transportation System (ITS)		
Categorical Exemption Filing		
Insert other PAED milestones		
PS&E		
35% PS&E		
Preliminary Investigations	July 1, 2016	January 1, 2017
Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		
Right-of-Way		
Estimating		
Civil Design	July 1, 2016	January 1, 2017
Structural Design		
Intelligent Transportation System (ITS)		

FTIP #: LA0G997
Subregion ID: Interstate I-405, I-110, I-105, and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
Amendment No.4
FA# 920000000MR31242

Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		February 1, 2017
65% PS&E		
Civil Design Plans	February 1, 2017	July 1, 2017
Right-of-Way Engineering		
Structural Design		
Prepare Project Cost Estimate		
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Project Review & Comments		September 1, 2017
95% PS&E		
Civil Design Plans	March 1, 2018	June 1, 2018
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	September 1, 2020	September 15, 2020
Outside Agency Review		October 1, 2020
Insert other PS&E Milestones		
RIGHT OF WAY SUPPORT		
Certification/Mapping		
Appraisal		
RIGHT OF WAY ACQUISITION		
Certification/Mapping		
Title Report		
Meet with Property Owners	July 1, 2016	July 1, 2019
Appraisal	September 1, 2019	December 31, 2019
Environmental Investigation		
Closing/Acquire Property/Relocation	January 1, 2020	September 30, 2021
Physical Possession		
Remediation		
ROW Recordation	October 1, 2021	May 16, 2022
Utility Relocation		
Third Party Coordination		
Design Utilities		
Relocate Utilities		

Rev 12-03-13

7

FA Attachment C-4
Scope of Work

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

Solicitation (Bid/Proposal)	START DATE	COMPLETION DATE
Develop Solicitation Package	April 1, 2021	April 30, 2021
Solicitation Response	May 3, 2021	June 3, 2021
Evaluations		
Selection		
Board Approval Process		
Contract Award	June 15, 2021	June 15, 2021
Fully Executed Contract	August 20, 2021	August 20, 2021
Excavation	August 15, 2022	September 15, 2022
Clear/Grub	August 15, 2022	August 31, 2022
Survey		
Sample Borings		
Grading		
Compaction		
Drainage		
Environmental		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
Concrete	September 16, 2022	November 15, 2022
Form Work		
Rebar Placement		
Pole Placement		
Traffic Control	July 25, 2022	January 31, 2023
TMP		
Structural		
False Work		
Iron Placement		
Pole Placement		
Utilities		
DWP		
SCE	December 15, 2022	December 31, 2022
LADOT		
Materials		
Long-Lead Equipment		
Staging	July 25, 2022	August 10, 2022
Material Lay Down Area		
Signage		
Electrical	November 16, 2022	December 31, 2022
Power U/G Communication		
A/G Testing/Acceptance		

FTIP #: LA0G997
Subregion ID: Interstate I-405, I-110, I-105, and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
Amendment No.4
FA# 920000000MR31242

	START DATE	COMPLETION DATE
Landscape		
Clearing	January 1, 2023	January 31, 2023
Planting		
Plant Establishment		
Irrigation		
Testing		
General Construction/close out project	February 1, 2023	March 31, 2023
Change Orders	February 16, 2023	March 15, 2023
P.O. Processing Time		
Weather		
Third Party Issues		
Strike Labor Walk Outs		
Force Majeure		
Claims		

ATTACHMENT C-4 -Location Map(s)



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

This Amendment No. 3 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. 920000000M31242 dated January 16, 2015, which was amended on August 31, 2019 and August 25, 2020 (as amendment, the "Existing FA"), which Existing FA provides for the Project Approval and Environmental Document (PAED), Plans, Specifications and Estimates (PS&E), Right-of-Way, and Construction of Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) (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 2014-15 and FY 2015-16 funds to June 30, 2022; 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: “(vii) All Funds programmed for FY 2013-14 have lapsed and are no longer available. All Funds programmed for FY 2014-15 are subject to lapse by June 30, 2022. All Funds programmed for FY 2015-16 are subject to lapse by June 30, 2022.”
2. Attachment B1-2 of the Existing FA is hereby replaced by Attachment B1-3, attached.
3. Attachment C-2 of the Existing FA is hereby replaced by Attachment C-3, 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.


FTIP #: LA0G997
Subregion ID: Interchange 405, I-110, I-105 and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.43
Amendment No.3
FA# 920000000MR31242

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: 
Stephanie N. Wiggins
Chief Executive Officer

Date: 2/14/2022

APPROVED AS TO FORM:

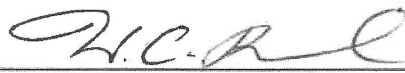
RODRIGO A. CASTRO-SILVA
County Counsel

By: 
Deputy

Date: 12/26/2021

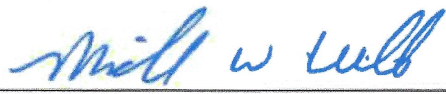
GRANTEE:

CITY OF REDONDO BEACH

By: 
William C. Brand
City Mayor

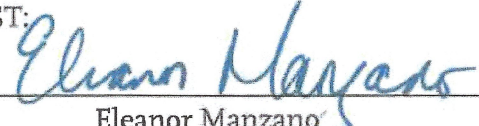
Date: 2-3-22

APPROVED AS TO FORM:

By: 
Michael W. Webb
City Attorney

Date: 2/2/2022

ATTEST:

By: 
Eleanor Manzano
City Clerk

Date: 2/4/2022

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

Measure R Program - Funding Agreement Projects - FA# 920000000MR31242 A-3

Project Title: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane)

Project#: MR312.42

PROGRAMMED SOURCES OF FUNDS

SOURCES OF FUNDS	Prior Expenditures	FY 2021-22 Qtr 1	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	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:								
MEASURE R FUNDS:								
PAED	\$20,000							\$20,000
PS&E	\$366,599	\$53,401						\$420,000
RW Support	\$37,650	\$22,350						\$60,000
Const. Support			\$50,000	\$60,000	\$55,000			\$165,000
RW	\$283,319	\$35,750	\$1,864,931	\$626,000				\$2,810,000
Construction			\$300,000	\$900,000	\$500,000			\$1,700,000
Total MEASURE R	\$707,568	\$111,501	\$2,214,931	\$1,586,000	\$555,000	\$0	\$0	\$5,175,000
PROP C 25%								
PAED								\$0
PS&E								\$0
RW Support								\$0
Const. Support								\$0
RW								\$0
Construction								\$0
Total PROP C 25%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUM PROG LACMTA FUNDS:	\$707,568	\$111,501	\$2,214,931	\$1,586,000	\$555,000	\$0	\$0	\$5,175,000
SUM NON-LACMTA FUNDS :	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT FUNDING FY21-22 and FY22-23	\$707,568	\$111,501	\$2,214,931	\$1,586,000	\$555,000	\$0	\$0	\$5,175,000
SUMMARY OF ALL FUNDS								
PAED	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
PS&E	\$366,599	\$53,401	\$0	\$0	\$0	\$0	\$0	\$420,000
RW Support	\$37,650	\$22,350	\$0	\$0	\$0	\$0	\$0	\$60,000
Const. Support	\$0	\$0	\$50,000	\$60,000	\$55,000	\$0	\$0	\$165,000
RW	\$283,319	\$35,750	\$1,864,931	\$626,000	\$0	\$0	\$0	\$2,810,000
Construction	\$0	\$0	\$300,000	\$900,000	\$500,000	\$0	\$0	\$1,700,000
TOTAL MILESTONES	\$707,568	\$111,501	\$2,214,931	\$1,586,000	\$555,000	\$0	\$0	\$5,175,000
SUM PROG LACMTA FUNDS	\$707,568	\$111,501	\$2,214,931	\$1,586,000	\$555,000	\$0	\$0	\$5,175,000
SUM NON-LACMTA FUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT FUNDING	\$707,568	\$111,501	\$2,214,931	\$1,586,000	\$555,000	\$0	\$0	\$5,175,000

ATTACHMENT C-3

SCOPE OF WORK

PROJECT TITLE: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane)

PROJECT LOCATION:

The project is located in the County of Los Angeles, in the City of Redondo Beach.

PROJECT LIMITS:

The project limits are the Northwest Corner of Inglewood Ave. at Manhattan Beach Blvd., from the corner to approximately 300 feet north of the intersection.

NEXUS TO HIGHWAY OPERATION DEFINITION/PROJECT PURPOSE:

The purpose of this project is to construct a southbound right turn lane on Inglewood Ave. at the intersection of Manhattan Beach Blvd. to eliminate congestion for the southbound through traffic. Inglewood Blvd. is a major travel corridor from the I-405 freeway. This project will improve the flow of traffic through this intersection.

BUDGET:

COMPONENT	AMOUNT
PA/ED	20,000
PS and E	420,000
R/W Support	60,000
R/W Capital	2,810,000
Construction Support	165,000
Construction Capital	<u>1,700,000</u>
Total Budget	\$5,175,000

PROJECT BACKGROUND:

The Inglewood Ave Corridor is one of the most highly congested arterial roads and carries approximately 57,000 vehicles daily to and from the I-405 freeway and local streets, and approximately 3,400 and 4,000 vehicles travel through this corridor during the a.m. and p.m. peak hours, respectively. In 2007, an intersection LOS analysis conducted by the Redondo Beach Circulation Element found that the intersection of Inglewood Avenue and Manhattan Beach has been operating at LOS E-AM and LOS F-PM.

SCOPE:

Inglewood Avenue runs north-south, located at the boundary between the City of Redondo Beach and the City of Lawndale, carries heavy traffic off of the Interstate I-405. Southbound Inglewood Avenue at the intersection of Manhattan Beach Blvd currently have the following lane configuration:

- One left turn lane
- Two through lanes
- One right turn lane

Currently, the intersection running at its lowest level of service & capacity causing significant delay and back-up traffic during the peak hours. This project will study and explore all necessary improvements at the intersection in order to reduce congestion and improve the level of service. City of Redondo Beach will acquire necessary right-of-way in order to accommodate one additional right turn lane for the southbound Inglewood Avenue at the intersection of Inglewood Avenue and Manhattan Beach Blvd. This project would explore various alternatives, design and construct the most feasible one. If feasible, the southbound Inglewood will have the following final configuration:

- One left turn lane
- Three through lanes
- One right turn lane

The intersection traffic signal and pedestrian phasing should be re-designed and improved using the latest state of the art traffic detection and signal technology. All necessary utility relocations are to be done under this project in order to accommodate one additional southbound lane, including Metropolitan Water District's utility vents & appurtenances and Southern California Edison power poles. City of Redondo Beach will coordinate the intersection improvements with the City of Lawndale.

DESIGN:

I. Preliminary Design – “Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report” as Final Work Product

“Consultant” Staff to perform the following tasks:

- 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 Inglewood Ave.
- C. Obtain 24 hour and other necessary traffic counts to compare existing Level of Service to future with project Level of Service at the intersection.
- D. Incorporate provided layout plans to be incorporated into the final design.
- E. 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.
- F. Identify and coordinate with all utilities in the project area to facilitate the final design of the Project.

- G. Conduct soil contamination investigations within a 500 foot radius of Inglewood Ave and Manhattan Beach Blvd. intersection.
- H. 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.
- I. Obtain street pavement structural sections for project area.
- J. 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.
- K. Prepare and submit a Report identifying the ultimate alignment of roadway improvements, as well as the recommended ultimate repair strategy for the Inglewood Ave. at Manhattan Beach Blvd. Southbound Right Turn Lane Improvements. 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 shall be clearly identified.
- L. Prepare and submit an Engineer's construction cost estimate for all recommended improvements identified in the Report.

II. Environmental Analysis

"Consultant" Staff to perform the following tasks as applicable to the project:

- 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.

III. Final Design – Plans, Specifications and Estimates

"Consultant" Staff to perform the following tasks:

- A. Design the ultimate build out of Inglewood Ave, and ultimate repair strategy for Inglewood Ave., based on the City reviewed "**Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report**".
- B. Prepare civil roadway plans for the required improvements, consistent with City format. 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/Bikeway/Signage/Signal Plans, and Street Lighting/Electrical.
- C. Submittal of plan set shall be delivered at 35%, 65%, 90%, 95% complete and final (five (5) sets per submittal). When project is complete, the Consultant shall provide signed and stamped CAD files for all plan sheets.

- D. Assist the City for the Community Information Workshop after the 90% submittal by preparing exhibits and attending workshop and be prepared to discuss concerns of the property owners along Inglewood Ave, particularly with issues of right-of-way acquisition.
- 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 65% and 90% complete and final in a spreadsheet format.

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

"Consultant" Staff to perform the following tasks:

V.

- 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, presentation of "Summary Letter Report", 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:

The budget includes Right-of-Way Support and Right-of-Way Capital costs.

"Consultant" Staff 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 rights-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" Staff to perform the following tasks

- 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 expects to provide construction oversight, procure a consultant for construction management and let a low bid contract for construction and to perform the following tasks:

- A. Conduct a "Ground Breaking" ceremony for the project.
- B. Contract with a separate engineering firm to provide Construction Management for the Project. This will be accomplished through an RFP.
- C. Contract with a 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 be and not be limited to: Pre-Construction Meeting, progress meetings and preparation of response to RFIs.

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

	START DATE	COMPLETION DATE
SOLICITATION (BID/PROPOSAL)		
Develop Solicitation Package	May 1, 2015	September 1, 2015
Solicitation Response	September 23, 2015	November 1, 2015
Evaluations	November 1, 2015	November 27, 2015
Selection	November 27, 2015	December 4, 2015
Board Approval	February 2, 2016	March 1, 2016
Contract Award	March 1, 2016	March 1, 2016
Fully Executed Contract	April 1, 2016	April 1, 2016
PLANNING		
Prepare Concept Report	May 1, 2016	November 1, 2016
Prepare Feasibility Study	May 1, 2016	November 1, 2016
Prepare Project Study Report	May 1, 2016	November 1, 2016
Intelligent Transportation System (ITS)		
Feasibility Study		
Concept Exploration		
Insert other planning milestones		
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		
Insert other prelim design milestones		
PA&ED		
Prepare Environmental Document Document Type: _____	November 1, 2016	
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		February 1, 2017
Intelligent Transportation System (ITS)		
Categorical Exemption Filing		
Insert other PAED milestones		
PS&E		
35% PS&E		
Preliminary Investigations	July 1, 2016	January 1, 2017
Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		
Right-of-Way		
Estimating		
Civil Design	July 1, 2016	January 1, 2017
Structural Design		
Intelligent Transportation System (ITS)		

FTIP #: LA0G997
Subregion ID: Interstate I-405, I-110, I-105, and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
Amendment No.3
FA# 920000000MR31242

Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		February 1, 2017
65% PS&E		
Civil Design Plans	February 1, 2017	July 1, 2017
Right-of-Way Engineering		
Structural Design		
Prepare Project Cost Estimate		
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Project Review & Comments		September 1, 2017
95% PS&E		
Civil Design Plans	March 1, 2018	June 1, 2018
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	September 1, 2020	September 15, 2020
Outside Agency Review		October 1, 2020
Insert other PS&E Milestones		
RIGHT OF WAY SUPPORT		
Certification/Mapping		
Appraisal		
RIGHT OF WAY ACQUISITION		
Certification/Mapping		
Title Report		
Meet with Property Owners	July 1, 2016	July 1, 2019
Appraisal	September 1, 2019	December 31, 2019
Environmental Investigation		
Closing/Acquire Property/Relocation	January 1, 2020	September 30, 2021
Physical Possession		
Remediation		
Insert other ROW milestones		
Utility Relocation		
Third Party Coordination		
Design Utilities		
Relocate Utilities		

Rev 12-03-13

7

FA Attachment C-3
Scope of Work

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

	START DATE	COMPLETION DATE
Solicitation (Bid/Proposal)		
Develop Solicitation Package	April 1, 2021	April 30, 2021
Solicitation Response	May 3, 2021	June 3, 2021
Evaluations		
Selection		
Board Approval Process		
Contract Award	June 15, 2021	June 15, 2021
Fully Executed Contract	August 20, 2021	August 20, 2021
Excavation	September 7, 2021	September 15, 2021
Clear/Grub	September 11, 2021	September 20, 2021
Survey		
Sample Borings		
Grading		
Compaction		
Drainage		
Environmental		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
Concrete	November 10, 2021	February 20, 2022
Form Work		
Rebar Placement		
Pole Placement		
Traffic Control	September 7, 2021	April 7, 2022
TMP		
Structural		
False Work		
Iron Placement		
Pole Placement		
Utilities		
DWP		
SCE	March 15, 2021	October 15, 2021
LADOT		
Materials		
Long-Lead Equipment	February 1, 2022	February 15, 2022
Staging		
Material Lay Down Area		
Signage		
Electrical	February 16, 2022	March 15, 2022
Power U/G Communication		
A/G Testing/Acceptance		

FTIP #: LA0G997
 Subregion ID: Interstate I-405, I-110, I-105, and SR-91
 Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
 Amendment No.3
 FA# 920000000MR31242

	START DATE	COMPLETION DATE
Landscape		
Clearing	March 31, 2022	April 7, 2022
Planting		
Plant Establishment		
Irrigation		
Testing		
General Construction/close out project	April 15, 2022	May 31, 2022
Change Orders	April 15, 2022	May 15, 2022
P.O. Processing Time		
Weather		
Third Party Issues		
Strike Labor Walk Outs		
Force Majeure		
Claims		

ATTACHMENT C-3 -Location Map(s)



**AMENDMENT No. 2
TO MEASURE R FUNDING AGREEMENT BETWEEN
CITY OF REDONDO BEACH
AND
THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

This Amendment No.2 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. 920000000M31242, dated January 16, 2015, which was amended on August 31, 2019, (as amended, the “Existing FA”), which Existing FA provides for the Project Approval and Environmental Document (PA&ED), Plans, Specifications and Estimates (PS&E), Right-of-Way, and Construction of Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) (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 FY2014-15 and FY2015-16 funds to June 30, 2021; and

D. WHEREAS, the Grantee and LACMTA desire to amend the Existing FA as provided herein.

AGREEMENT:

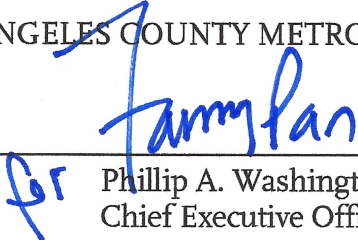
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties hereby agree as follows:

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 2013-14 have lapsed and are no longer available. All Funds programmed for FY 2014-15 are subject to lapse by June 30, 2021. All Funds programmed for FY 2015-16 are subject to lapse by June 30, 2021.”
2. Attachment B1- 1 of the Existing FA is hereby replaced by Attachment B1-2 attached.
3. Attachment C-1 of the Existing FA is hereby replaced by Attachment C-2, 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.2 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 Phillip A. Washington
Chief Executive Officer

Date: 4/5/2021

APPROVED AS TO FORM:

RODRIGO CASTRO-SILVA
Acting County Counsel

By: 
Deputy

Date: 12/3/2020

GRANTEE:

CITY OF REDONDO BEACH

DocuSigned by:
William C. Brand
E6413C7231DF4E1...

2/22/2021 | 11:50 AM PST

By: _____
William C. Brand
City Mayor

Date: _____

APPROVED AS TO FORM:

DocuSigned by:
Michael W. Webb
669049EDE03D402...

2/22/2021 | 10:54 AM PST

By: _____
Michael W. Webb
City Attorney

Date: _____

APPROVED AS TO FORM:

DocuSigned by:
Eleanor Manzano
72F2AC716C214CF...

2/22/2021 | 11:53 AM PST

By: _____
Eleanor Manzano
City Clerk

Date: _____

ATTACHMENT B1-2 EXPENDITURE PLAN COST & CASH FLOW BUDGET

Measure R Program - Funding Agreement Projects - FA# 9200000000MR31242

Project Title: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) Pr

PROGRAMMED SOURCES OF FUNDS

SOURCES OF FUNDS	Prior Expenditures	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	\$20,000					\$20,000
PS&E	\$270,070	\$100,930	\$49,000			\$420,000
RW Support	\$12,333	\$25,000	\$22,667			\$60,000
Const. Support			\$50,000	\$60,000	\$55,000	\$165,000
RW		\$800,000	\$1,405,000	\$605,000		\$2,810,000
Construction			\$300,000	\$900,000	\$500,000	\$1,700,000
Total MEASURE R	\$302,403	\$925,930	\$1,826,667	\$1,565,000	\$555,000	\$5,175,000
SUM PROG LACMTA FUNDS:	\$302,403	\$925,930	\$1,826,667	\$1,565,000	\$555,000	\$5,175,000
PROJECT FUNDING FY20-21	\$302,403	\$925,930	\$1,826,667	\$1,565,000	\$555,000	\$5,175,000
SUMMARY OF ALL FUNDS						
PAED	\$20,000	\$0	\$0	\$0	\$0	\$20,000
PS&E	\$270,070	\$100,930	\$49,000	\$0	\$0	\$420,000
RW Support	\$12,333	\$25,000	\$22,667	\$0	\$0	\$60,000
Const. Support	\$0	\$0	\$50,000	\$60,000	\$55,000	\$165,000
RW	\$0	\$800,000	\$1,405,000	\$605,000	\$0	\$2,810,000
Construction	\$0	\$0	\$300,000	\$900,000	\$500,000	\$1,700,000
TOTAL MILESTONES	\$302,403	\$925,930	\$1,826,667	\$1,565,000	\$555,000	\$5,175,000
SUM PROG LACMTA FUNDS	\$302,403	\$925,930	\$1,826,667	\$1,565,000	\$555,000	\$5,175,000
SUM NON-LACMTA FUNDS	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT FUNDING	\$302,403	\$925,930	\$1,826,667	\$1,565,000	\$555,000	\$5,175,000

ATTACHMENT C-2

SCOPE OF WORK

PROJECT TITLE: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane)

PROJECT LOCATION:

The project is located in the County of Los Angeles, in the City of Redondo Beach.

PROJECT LIMITS:

The project limits are the Northwest Corner of Inglewood Ave. at Manhattan Beach Blvd., from the corner to approximately 300 feet north of the intersection.

NEXUS TO HIGHWAY OPERATION DEFINITION/PROJECT PURPOSE:

The purpose of this project is to construct a southbound right turn lane on Inglewood Ave. at the intersection of Manhattan Beach Blvd. to eliminate congestion for the southbound through traffic. Inglewood Blvd. is a major travel corridor from the I-405 freeway. This project will improve the flow of traffic through this intersection.

BUDGET:

COMPONENT	AMOUNT
PA/ED	20,000
PS and E	420,000
R/W Support	60,000
R/W Capital	2,810,000
Construction Support	165,000
Construction Capital	<u>1,700,000</u>
Total Budget	\$5,175,000

PROJECT BACKGROUND:

The Inglewood Ave Corridor is one of the most highly congested arterial roads and carries approximately 57,000 vehicles daily to and from the I-405 freeway and local streets, and approximately 3,400 and 4,000 vehicles travel through this corridor during the a.m. and p.m. peak hours, respectively. In 2007, an intersection LOS analysis conducted by the Redondo Beach Circulation Element found that the intersection of Inglewood Avenue and Manhattan Beach has been operating at LOS E-AM and LOS F-PM.

SCOPE:

Inglewood Avenue runs north-south, located at the boundary between the City of Redondo Beach and the City of Lawndale, carries heavy traffic off of the Interstate I-405. Southbound Inglewood Avenue at the intersection of Manhattan Beach Blvd currently have the following lane configuration:

- One left turn lane
- Two through lanes
- One right turn lane

Currently, the intersection running at its lowest level of service & capacity causing significant delay and back-up traffic during the peak hours. This project will study and explore all necessary improvements at the intersection in order to reduce congestion and improve the level of service. City of Redondo Beach will acquire necessary right-of-way in order to accommodate one additional right turn lane for the southbound Inglewood Avenue at the intersection of Inglewood Avenue and Manhattan Beach Blvd. This project would explore various alternatives, design and construct the most feasible one. If feasible, the southbound Inglewood will have the following final configuration:

- One left turn lane
- Three through lanes
- One right turn lane

The intersection traffic signal and pedestrian phasing should be re-designed and improved using the latest state of the art traffic detection and signal technology. All necessary utility relocations are to be done under this project in order to accommodate one additional southbound lane, including Metropolitan Water District's utility vents & appurtenances and Southern California Edison power poles. City of Redondo Beach will coordinate the intersection improvements with the City of Lawndale.

DESIGN:

I. **Preliminary Design – “Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report” as Final Work Product**

“Consultant” Staff to perform the following tasks:

- 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 Inglewood Ave.
- C. Obtain 24 hour and other necessary traffic counts to compare existing Level of Service to future with project Level of Service at the intersection.
- D. Incorporate provided layout plans to be incorporated into the final design.
- E. 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.
- F. Identify and coordinate with all utilities in the project area to facilitate the final design of the Project.

- G. Conduct soil contamination investigations within a 500 foot radius of Inglewood Ave and Manhattan Beach Blvd. intersection.
- H. 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.
- I. Obtain street pavement structural sections for project area.
- J. 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.
- K. Prepare and submit a Report identifying the ultimate alignment of roadway improvements, as well as the recommended ultimate repair strategy for the Inglewood Ave. at Manhattan Beach Blvd. Southbound Right Turn Lane Improvements. 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 shall be clearly identified.
- L. Prepare and submit an Engineer's construction cost estimate for all recommended improvements identified in the Report.

II. Environmental Analysis

"Consultant" Staff to perform the following tasks as applicable to the project:

- 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.

III. Final Design – Plans, Specifications and Estimates

"Consultant" Staff to perform the following tasks:

- A. Design the ultimate build out of Inglewood Ave, and ultimate repair strategy for Inglewood Ave., based on the City reviewed "**Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report**".
- B. Prepare civil roadway plans for the required improvements, consistent with City format. 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/Bikeway/Signage/Signal Plans, and Street Lighting/Electrical.
- C. Submittal of plan set shall be delivered at 35%, 65%, 90%, 95% complete and final (five (5) sets per submittal). When project is complete, the Consultant shall provide signed and stamped CAD files for all plan sheets.

- D. Assist the City for the Community Information Workshop after the 90% submittal by preparing exhibits and attending workshop and be prepared to discuss concerns of the property owners along Inglewood Ave, particularly with issues of right-of-way acquisition.
- 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 65% and 90% complete and final in a spreadsheet format.

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

"Consultant" Staff to perform the following tasks:

V.

- 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, presentation of "Summary Letter Report", 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:

The budget includes Right-of-Way Support and Right-of-Way Capital costs.

"Consultant" Staff 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 rights-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" Staff to perform the following tasks

- 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 expects to provide construction oversight, procure a consultant for construction management and let a low bid contract for construction and to perform the following tasks:

- A. Conduct a "Ground Breaking" ceremony for the project.
- B. Contract with a separate engineering firm to provide Construction Management for the Project. This will be accomplished through an RFP.
- C. Contract with a 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 be and not be limited to: Pre-Construction Meeting, progress meetings and preparation of response to RFIs.

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

	START DATE	COMPLETION DATE
SOLICITATION (BID/PROPOSAL)		
Develop Solicitation Package	May 1, 2015	September 1, 2015
Solicitation Response	September 23, 2015	November 1, 2015
Evaluations	November 1, 2015	November 27, 2015
Selection	November 27, 2015	December 4, 2015
Board Approval	February 2, 2016	March 1, 2016
Contract Award	March 1, 2016	March 1, 2016
Fully Executed Contract	April 1, 2016	April 1, 2016
PLANNING		
Prepare Concept Report	May 1, 2016	November 1, 2016
Prepare Feasibility Study	May 1, 2016	November 1, 2016
Prepare Project Study Report	May 1, 2016	November 1, 2016
Intelligent Transportation System (ITS)		
Feasibility Study		
Concept Exploration		
Insert other planning milestones		
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		
Insert other prelim design milestones		
PA&ED		
Prepare Environmental Document Document Type: _____	November 1, 2016	
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		February 1, 2017
Intelligent Transportation System (ITS)		
Categorical Exemption Filing		
Insert other PAED milestones		
PS&E		
35% PS&E		
Preliminary Investigations	July 1, 2016	January 1, 2017
Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		
Right-of-Way		
Estimating		
Civil Design	July 1, 2016	January 1, 2017
Structural Design		
Intelligent Transportation System (ITS)		

FTIP #: LA0G997
Subregion ID: Interstate I-405, I-110, I-105, and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
Amendment No.2
FA# 920000000MR31242

Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		February 1, 2017
65% PS&E		
Civil Design Plans	February 1, 2017	July 1, 2017
Right-of-Way Engineering		
Structural Design		
Prepare Project Cost Estimate		
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Project Review & Comments		September 1, 2017
95% PS&E		
Civil Design Plans	March 1, 2018	June 1, 2018
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	September 1, 2020	September 15, 2020
Outside Agency Review		October 1, 2020
Insert other PS&E Milestones		
RIGHT OF WAY SUPPORT		
Certification/Mapping		
Appraisal		
RIGHT OF WAY ACQUISITION		
Certification/Mapping		
Title Report		
Meet with Property Owners	July 1, 2016	July 1, 2019
Appraisal	September 1, 2019	December 31, 2019
Environmental Investigation		
Closing/Acquire Property/Relocation	January 1, 2020	September 30, 2020
Physical Possession		
Remediation		
Insert other ROW milestones		
Utility Relocation		
Third Party Coordination		
Design Utilities		
Relocate Utilities	7	

Rev 12-03-13

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

Solicitation (Bid/Proposal)	START DATE	COMPLETION DATE
Develop Solicitation Package	September 1, 2020	September 15, 2020
Solicitation Response	September 16, 2020	October 15, 2020
Evaluations		
Selection		
Board Approval Process		
Contract Award	December 1, 2020	December 1, 2020
Fully Executed Contract	December 31, 2020	December 31, 2020
Excavation		
Clear/Grub	January 8, 2021	January 31, 2021
Survey		
Sample Borings		
Grading		
Compaction		
Drainage		
Environmental		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
Concrete		
Form Work		
Rebar Placement		
Pole Placement		
Traffic Control		
TMP		
Structural		
False Work		
Iron Placement		
Pole Placement		
Utilities		
DWP		
SCE		
LADOT		
Materials		
Long-Lead Equipment		
Staging		
Material Lay Down Area		
Signage		
Electrical		
Power U/G Communication		
A/G Testing/Acceptance		

FTIP #: LA0G997
Subregion ID: Interstate I-405, I-110, I-105, and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
Amendment No.2
FA# 920000000MR31242

	START DATE	COMPLETION DATE
Landscape		
Clearing		
Planting		
Plant Establishment		
Irrigation		
Testing		
General Construction/close out project	May 15, 2021	June 20, 2021
Change Orders		
P.O. Processing Time		
Weather		
Third Party Issues		
Strike Labor Walk Outs		
Force Majeure		
Claims		

ATTACHMENT C-2 -Location Map(s)



**AMENDMENT No. 1
TO MEASURE R FUNDING AGREEMENT BETWEEN
CITY OF REDONDO BEACH
AND
THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

This Amendment No. 1 to Funding Agreement (this "Amendment"), is dated as of August 31, 2019 by and between the City of Redondo Beach ("Grantee") and the Los Angeles County Metropolitan Transportation Authority ("LACMTA").

RECITALS:

A. WHEREAS, the Grantee and LACMTA entered into that certain Funding Agreement No. 920000000MR31242 dated January 16, 2015, (the "Existing FA"), which Existing FA provides for Project Approval and Environmental Document (PA&ED), Plans, Specifications and Estimates (PS&E), Right-of-Way, and Construction of Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane), (the "Project"); and

B. WHEREAS, the LACMTA Board on October 25, 2018, desires to extend the lapsing date of the Project funds to June 30, 2020; and

C. 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 (iv) of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following: "All Funds programmed for FY 2013-14 have lapsed and are no longer available. All Funds programmed for FY 2014-15 are subject to lapse by June 30, 2020. All Funds programmed for FY 2015-16 are subject to lapse by June 30, 2020."
2. Attachment B1 of the Existing FA is hereby replaced by Attachment B1-1, attached.
3. Attachment C of the Existing FA is hereby replaced by Attachment C-1, 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.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: 

Phillip A. Washington
Chief Executive Officer

Date: 2/4/2020

APPROVED AS TO FORM:

MARY C. WICKHAM
County Counsel

By: 

Deputy

Date: 10/11/19

GRANTEE:

CITY OF REDONDO BEACH

By: 

William C. Brand
City Mayor

Date: 1/15/20

APPROVED AS TO FORM:

By: 

Michael W. Webb
City Attorney

Date: 4/14/20

ATTEST:

By: 

Eleanor Manzano
City Clerk

Date: 1/15/20



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

Measure R Program - Funding Agreement Projects - FA# 920000000MR31242
 Project Title: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) Project#: MR312.42

PROGRAMMED SOURCES OF FUNDS

SOURCES OF FUNDS	Prior Expenditures	FY 2019-20 Qtr 1	FY 2019-20 Qtr 2	FY 2019-20 Qtr 3	FY 2019-20 Qtr 4	FY 2020-21 Qtr 1	FY 2020-21 Qtr 2	FY 2020-21 Qtr 3	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:									
MEASURE R FUNDS:									
PAED									
PS&E	\$20,000								\$20,000
RW Support	\$194,216	\$125,784	\$100,000						\$420,000
Const. Support	\$12,333	\$25,111	\$22,556						\$60,000
RW			\$55,000	\$55,000	\$55,000				\$165,000
Construction		\$702,500	\$702,500	\$702,500	\$702,500				\$2,810,000
			\$566,666	\$566,666	\$566,668				\$1,700,000
Total MEASURE R	\$226,549	\$853,395	\$1,446,722	\$1,324,166	\$1,324,168	\$0	\$0	\$0	\$5,175,000
PROP C 25%									
PAED									
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
Total PROP C 25%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUM PROG LACMTA FUNDS:	\$226,549	\$853,395	\$1,446,722	\$1,324,166	\$1,324,168	\$0	\$0	\$0	\$5,175,000
PROJECT FUNDING FY19-20 and FY20-21	\$226,549	\$853,395	\$1,446,722	\$1,324,166	\$1,324,168	\$0	\$0	\$0	\$5,175,000
SUMMARY OF ALL FUNDS									
PAED	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
PS&E	\$194,216	\$125,784	\$100,000	\$0	\$0	\$0	\$0	\$0	\$420,000
RW Support	\$12,333	\$25,111	\$22,556	\$0	\$0	\$0	\$0	\$0	\$60,000
Const. Support	\$0	\$0	\$55,000	\$55,000	\$55,000	\$0	\$0	\$0	\$165,000
RW	\$0	\$702,500	\$702,500	\$702,500	\$702,500	\$0	\$0	\$0	\$2,810,000
Construction	\$0	\$0	\$566,666	\$566,666	\$566,668	\$0	\$0	\$0	\$1,700,000
TOTAL MILESTONES	\$226,549	\$853,395	\$1,446,722	\$1,324,166	\$1,324,168	\$0	\$0	\$0	\$5,175,000
SUM PROG LACMTA FUNDS	\$226,549	\$853,395	\$1,446,722	\$1,324,166	\$1,324,168	\$0	\$0	\$0	\$5,175,000
SUM NON-LACMTA FUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT FUNDING	\$226,549	\$853,395	\$1,446,722	\$1,324,166	\$1,324,168	\$0	\$0	\$0	\$5,175,000

ATTACHMENT C-1

SCOPE OF WORK

PROJECT TITLE: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane)

PROJECT LOCATION:

The project is located in the County of Los Angeles, in the City of Redondo Beach.

PROJECT LIMITS:

The project limits are the Northwest Corner of Inglewood Ave. at Manhattan Beach Blvd., from the corner to approximately 300 feet north of the intersection.

NEXUS TO HIGHWAY OPERATION DEFINITION/PROJECT PURPOSE:

The purpose of this project is to construct a southbound right turn lane on Inglewood Ave. at the intersection of Manhattan Beach Blvd. to eliminate congestion for the southbound through traffic. Inglewood Blvd. is a major travel corridor from the I-405 freeway. This project will improve the flow of traffic through this intersection.

BUDGET:

COMPONENT	AMOUNT
PA/ED	20,000
PS and E	420,000
R/W Support	60,000
R/W Capital	2,810,000
Construction Support	165,000
Construction Capital	<u>1,700,000</u>
Total Budget	\$5,175,000

PROJECT BACKGROUND:

The Inglewood Ave Corridor is one of the most highly congested arterial roads and carries approximately 57,000 vehicles daily to and from the I-405 freeway and local streets, and approximately 3,400 and 4,000 vehicles travel through this corridor during the a.m. and p.m. peak hours, respectively. In 2007, an intersection LOS analysis conducted by the Redondo Beach Circulation Element found that the intersection of Inglewood Avenue and Manhattan Beach has been operating at LOS E-AM and LOS F-PM.

SCOPE:

Southbound Inglewood Ave at Manhattan Beach Blvd current design:

- one left turn lane
- two through lanes
- one right turn lane

Southbound Inglewood Ave at Manhattan Beach Blvd Improvements:

- one left turn lane
- three through lanes
- one right turn lane

The addition of one more through lane southbound on Inglewood at Manhattan Beach Blvd will allow for better flow through the intersection, improved level of service and better access to westbound Manhattan Beach Blvd.

DESIGN:

I. Preliminary Design – “Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report” as Final Work Product

“Consultant” Staff to perform the following tasks:

- 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 Inglewood Ave.
- C. Obtain 24 hour and other necessary traffic counts to compare existing Level of Service to future with project Level of Service at the intersection.
- D. Incorporate provided layout plans to be incorporated into the final design.
- E. 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.
- F. Identify and coordinate with all utilities in the project area to facilitate the final design of the Project.
- G. Conduct soil contamination investigations within a 500 foot radius of Inglewood Ave and Manhattan Beach Blvd. intersection.
- H. 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.
- I. Obtain street pavement structural sections for project area.
- J. 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.
- K. Prepare and submit a Report identifying the ultimate alignment of roadway improvements, as well as the recommended ultimate repair strategy for the Inglewood Ave. at Manhattan Beach Blvd. Southbound Right Turn Lane

Improvements. 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 shall be clearly identified.

- L. Prepare and submit an Engineer's construction cost estimate for all recommended improvements identified in the Report.

II. Environmental Analysis

"Consultant" Staff to perform the following tasks:

- 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.

III. Final Design – Plans, Specifications and Estimates

"Consultant" Staff to perform the following tasks:

- A. Design the ultimate build out of Inglewood Ave, and ultimate repair strategy for Inglewood Ave., based on the City reviewed "**Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report**".
- B. Prepare civil roadway plans for the required improvements, consistent with City format. 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/Bikeway/Signage/Signal Plans, and Street Lighting/Electrical.
- C. Submittal of plan set shall be delivered at 35%, 65%, 90%, 95% complete and final (five (5) sets per submittal). When project is complete, the Consultant shall provide signed and stamped CAD files for all plan sheets.
- D. Assist the City for the Community Information Workshop after the 90% submittal by preparing exhibits and attending workshop and be prepared to discuss concerns of the property owners along Inglewood Ave, particularly with issues of right-of-way acquisition.
- 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 65% and 90% complete and final in a spreadsheet format.

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

"Consultant" Staff to perform the following tasks:

V.

- 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, presentation of "Summary Letter Report", 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:

The budget includes Right-of-Way Support and Right-of-Way Capital costs.

"Consultant" Staff 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 rights-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" Staff to perform the following tasks

- 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 expects to provide construction oversight, procure a consultant for construction management and let a low bid contract for construction and to perform the following tasks:

- A.** Conduct a "Ground Breaking" ceremony for the project.
- B.** Contract with a separate engineering firm to provide Construction Management for the Project. This will be accomplished through an RFP.
- C.** Contract with a Contractor for construction.
- D.** Conduct a "Ribbon Cutting" ceremony at the completion of the Project.

FTIP #: LA0G997

Subregion ID: Interstate I-405, I-110, I-105, and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42

Amendment No.1

FA# 920000000MR31242

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 be and not be limited to: Pre-Construction Meeting, progress meetings and preparation of response to RFIs.

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

	START DATE	COMPLETION DATE
SOLICITATION (BID/PROPOSAL)		
Develop Solicitation Package	May 1, 2015	September 1, 2015
Solicitation Response	September 23, 2015	November 1, 2015
Evaluations	November 1, 2015	November 27, 2015
Selection	November 27, 2015	December 4, 2015
Board Approval	February 2, 2016	March 1, 2016
Contract Award	March 1, 2016	March 1, 2016
Fully Executed Contract	April 1, 2016	April 1, 2016
PLANNING		
Prepare Concept Report	May 1, 2016	November 1, 2016
Prepare Feasibility Study	May 1, 2016	November 1, 2016
Prepare Project Study Report	May 1, 2016	November 1, 2016
Intelligent Transportation System (ITS)		
Feasibility Study		
Concept Exploration		
Insert other planning milestones		
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		
Insert other prelim design milestones		
PA&ED		
Prepare Environmental Document	November 1, 2016	
Document Type:		
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		February 1, 2017
Intelligent Transportation System (ITS)		
Categorical Exemption Filing		
Insert other PAED milestones		
PS&E		
35% PS&E		
Preliminary Investigations	July 1, 2016	January 1, 2017
Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		
Right-of-Way		
Estimating		
Civil Design	July 1, 2016	January 1, 2017
Structural Design		
Intelligent Transportation System (ITS)		

Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		February 1, 2017
65% PS&E		
Civil Design Plans	February 1, 2017	July 1, 2017
Right-of-Way Engineering		
Structural Design		
Prepare Project Cost Estimate		
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Project Review & Comments		September 1, 2017
95% PS&E		
Civil Design Plans	March 1, 2018	June 1, 2018
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	June 1, 2018	August 1, 2018
Outside Agency Review		December 1, 2018
Insert other PS&E Milestones		
RIGHT OF WAY SUPPORT		
Certification/Mapping		
Appraisal		
RIGHT OF WAY ACQUISITION		
Certification/Mapping		
Title Report		
Meet with Property Owners	July 1, 2016	February 1, 2019
Appraisal	September 1, 2016	March 1, 2017
Environmental Investigation		
Closing/Acquire Property/Relocation	August 1, 2017	February 1, 2019
Physical Possession		
Remediation		
Insert other ROW milestones		
Utility Relocation		
Third Party Coordination		
Design Utilities		
Relocate Utilities		

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

Solicitation (Bid/Proposal)	START DATE	COMPLETION DATE
Develop Solicitation Package	August 1, 2018	November 1, 2018
Solicitation Response	December 1, 2018	January 1, 2019
Evaluations		
Selection		
Board Approval Process		
Contract Award	July 1, 2019	July 1, 2019
Fully Executed Contract	August 1, 2019	August 1, 2019
Excavation		
Clear/Grub	October 1, 2019	April 1, 2020
Survey		
Sample Borings		
Grading		
Compaction		
Drainage		
Environmental		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
Concrete		
Form Work		
Rebar Placement		
Pole Placement		
Traffic Control		
TMP		
Structural		
False Work		
Iron Placement		
Pole Placement		
Utilities		
DWP		
SCE		
LADOT		
Materials		
Long-Lead Equipment		
Staging		
Material Lay Down Area		
Signage		
Electrical		
Power U/G Communication		
A/G Testing/Acceptance		

FTIP #: LA0G997
Subregion ID: Interstate I-405, I-110, I-105, and SR-91
Ramp and Interchange Improvements (South Bay)

Project#: MR312.42
Amendment No.1
FA# 920000000MR31242

	START DATE	COMPLETION DATE
Landscape		
Clearing		
Planting		
Plant Establishment		
Irrigation		
Testing		
General Construction/close out project	October 1, 2019	June 1, 2020
Change Orders		
P.O. Processing Time		
Weather		
Third Party Issues		
Strike Labor Walk Outs		
Force Majeure		
Claims		

ATTACHMENT C-1 -Location Map(s)



**MEASURE R FUNDING AGREEMENT
HIGHWAY PROGRAM (Subregion)**

This Funding Agreement ("FA") is made and entered into effective as of January 16, 2015 ("Effective Date"), and is by and between the Los Angeles County Metropolitan Transportation Authority ("LACMTA") and City of Redondo Beach ("GRANTEE") for Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane), LACMTA Project ID# MR312.42 and FTIP# LA0G997, (the "Project"). This Project is eligible for funding under Line 33, I-405, I-110, I-105, and SR-91 Ramp and Interchange Improvements (South Bay), of the Measure R Expenditure Plan.

WHEREAS, LACMTA adopted Ordinance #08-01, the Traffic Relief and Rail Expansion Ordinance, on July 24, 2008 (the "Ordinance"), which Ordinance was approved by the voters of Los Angeles County on November 4, 2008 as "Measure R" and became effective on January 2, 2009.

WHEREAS, the funding set forth herein is intended to fund **DESIGN, PROJECT DEVELOPMENT, RIGHT-OF-WAY, and CONSTRUCTION** of the project.

WHEREAS, the LACMTA Board, at its October 23, 2014 meeting, programmed \$5,175,000, in Measure R Funds to GRANTEE for **DESIGN, PROJECT DEVELOPMENT, RIGHT-OF-WAY, and CONSTRUCTION** of the project, subject to the terms and conditions contained in this FA; and

WHEREAS, the Funds are currently programmed as follows: \$125,000 in Measure R Funds in Fiscal Years (FY) FY 2013-14; \$185,000 in FY 2014-15; and \$4,865,000 in FY 2015-16 . The total designated for **DESIGN, PROJECT DEVELOPMENT, RIGHT-OF-WAY, and CONSTRUCTION** of the Project is \$5,175,000.

NOW, THEREFORE, the parties hereby agree as follows:

The terms and conditions of this FA consist of the following and each is incorporated by reference herein as if fully set forth herein:

1. Part I – Specific Terms of the FA
2. Part II – General Terms of the FA
3. Attachment A – Project Funding
4. Attachment B – Expenditure Plan Guidelines
5. Attachment B-1 – Expenditure Plan- Cost & Cash Flow Budget
6. Attachment C – Scope of Work
7. Attachment D – Reporting and Expenditure Guidelines
8. Attachment D-1 – Monthly Progress Report
9. Attachment D-2 – Quarterly Expenditure Report
10. Attachment E – Federal Transportation Improvement Program (FTIP) Sheet
11. Attachment F – Special Grant Conditions
12. Attachment G – Bond Requirements
13. Any other attachments or documents referenced in the above documents




In the event of a conflict, the Special Grant Conditions, if any, shall prevail over the Specific Terms of the FA and any attachments and the Specific Terms of the FA shall prevail over the General Terms of the FA.

IN WITNESS WHEREOF, the parties have caused this FA to be executed by their duly authorized representatives as of the dates indicated below:


LACMTA:

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

By:  Date: 05/28/15
~~Arthur F. Leary~~
Chief Executive Officer

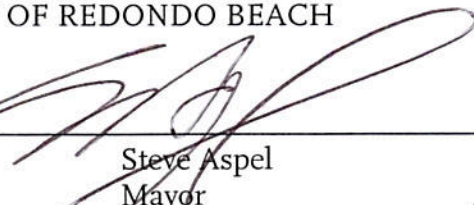
APPROVED AS TO FORM:

MARK J. SALADINO
County Counsel

By:  Date: 3/3/15
Deputy

GRANTEE:


CITY OF REDONDO BEACH

By:  Date: 5/5/15
Steve Aspel
Mayor

ATTEST:

APPROVED AS TO FORM:


ELEANOR MANZANO, CITY CLERK

By:  FOR Date: 5/5/15
Michael W. Webb
City Attorney

PART I
SPECIFIC TERMS OF THE FA

1. Title of the Project (the "Project"): Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) – Design, Project Development, Right-of-Way, and Construction of the Project. LACMTA Project ID# MR312.42, FTIP# LA0G997.
2. Grant Funds:
 - 2.1 Programmed Funds for this Project consist of the following: Measure R Funds.
 - 2.2 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 \$5,175,000 (the "Funds") for the Project. LACMTA Board of Directors' action of October 23, 2014 granted the Measure R Funds for the Project. The Funds are programmed over 3 years for Fiscal Years FY 2013-14, FY 2014-15, and FY 2015-16.
3. This grant shall be paid on a reimbursement basis. GRANTEE must provide the appropriate supporting documentation with the Monthly Progress Report and the Quarterly Expenditure Report. Grantee Funding Commitment, if applicable, must be spent in the appropriate proportion to the Funds with each quarter's expenditures. LACMTA will withhold five percent (5%) of eligible expenditures per invoice as retention pending an audit of expenditures and completion of scope of work.
4. **Attachment A** the "Project Funding" documents all sources of funds programmed for the Project as approved by LACMTA and is attached as Attachment A. The Project Funding includes the total programmed funds for the Project, including the Funds programmed by LACMTA and, if any, the Grantee Funding Commitment of other sources of funding. The Project Funding also includes the fiscal years in which all the funds for the Project are programmed. The Funds are subject to adjustment by subsequent LACMTA Board Action.
5. **Attachment B-1** is the Expenditure Plan- Cost & Cash Flow Budget (the "Expenditure Plan"). It is the entire proposed cash flow, the Budget and financial plan for the Project, which includes the total sources of all funds programmed to the Project, including Grantee and other entity funding commitments, if any, for this Project as well as the fiscal year and quarters the Project funds are anticipated to be expended. GRANTEE shall update the Expenditure Plan annually, no later than December 31, and such update shall be submitted to LACMTA's Managing Executive Officer of Construction & Engineering in writing. If the LACMTA's Managing Executive Officer of Construction & Engineering concurs with such updated Expenditure Plan in writing, Attachment B-1 shall be replaced with the new Attachment B-1 setting forth the latest approved Expenditure Plan. Payments under this FA shall be consistent with Attachment B-1 as revised from time to time. In no event can the final milestone date be changed or amended by written concurrence by the LACMTA Managing Executive Officer of Construction & Engineering. Any change to the final milestone date must be made by a fully executed amendment to this FA.



6. **Attachment C** is the Scope of Work ("the Scope of Work"). The GRANTEE shall complete the Project as described in the Scope of Work. This Scope of Work shall include a detailed description of the Project and the work to be completed, including anticipated Project milestones and a schedule consistent with the lapsing policy in Part II, Section 9, and a description of the Project limits. No later than December 31 of each year, GRANTEE shall notify LACMTA if there are any changes to the final milestone date set forth in the schedule or any changes to the Scope of Work. If LACMTA agrees to such changes, the parties shall memorialize such changes in an amendment to this FA. Work shall be delivered in accordance with this schedule and scope unless otherwise agreed to by the parties in writing. If GRANTEE is consistently behind schedule in meeting milestones or in delivering the Project, LACMTA will have the option to suspend or terminate the FA for default as described in Part II, Sections 2, 9, 10 and 11 herein below. To the extent interim milestone dates are not met but GRANTEE believes it can make up the time so as to not impact the final milestone date, GRANTEE shall notify LACMTA of such changes in its Monthly Progress Reports and such interim milestone dates will automatically be amended to the latest interim milestone dates provided in the Monthly Progress Reports Attachment D-1. In no event can the final milestone date be amended by a Monthly Progress Report.
7. No changes to this FA, including but not limited to the Funds, and any other source of funds from LACMTA in the Project Funding, Expenditure Plan or the Scope of Work shall be allowed without an amendment to the original FA, approved and signed by both parties.
8. **Attachment D** is the Reporting & Expenditure Guidelines. GRANTEE shall complete the "Monthly Progress Report" and/or the "Quarterly Expenditure Report". The Monthly Progress and Quarterly Expenditure Reports are attached to this FA as Attachments D-1 and D-2 in accordance with Attachment D – Project Reporting and Expenditure Guidelines.
9. **Attachment E**, the "FTIP PROJECT SHEET (PDF)", is attached as Attachment E and is required to ensure that the Project is programmed correctly in the most up-to-date FTIP document. The FTIP PROJECT SHEET (PDF) can be found in ProgramMetro FTIP database under the reports section at <http://program.metro.net>. All projects that receive funding through Measure R must be programmed into the FTIP, which includes locally funded regionally significant projects for information and air quality modeling purposes. GRANTEE shall review the Project in ProgramMetro each year and update or correct the Project information as necessary during a scheduled FTIP amendment or adoption. GRANTEE will be notified of amendments and adoptions to the FTIP via e-mail. Changes to the FTIP through ProgramMetro should be made as soon as possible after GRANTEE is aware of any changes to the Project, but no later than October 1 of the year the change or update is effective. Should GRANTEE fail to meet this date, it may affect GRANTEE's ability to access funding, delay the Project and may ultimately result in the Funds being lapsed.
10. GRANTEE shall comply with the "SPECIAL GRANT CONDITIONS" attached as **Attachment F**.



11. No changes to the (i) Grant amount, (ii) Project Funding, (iii) the Scope of Work (except as provided herein), (iv) Final milestone date or (v) Special Grant Conditions, shall be allowed without a written amendment to this FA, approved and signed by the LACMTA Chief Executive Officer or his/her designee and GRANTEE. Modifications that do not materially affect the terms of this FA, such as redistributing Funds among existing budget line items or non-material schedule changes must be formally requested by GRANTEE and approved by LACMTA in writing. Non-material changes are those changes which do not affect the grant amount or its schedule, Project Funding, Financial Plan, or the Scope of Work, including the Work schedule.

12. LACMTA's Address:

Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza
Los Angeles, CA 90012
Attention: Isidro Panuco, MS 99-22-3
LACMTA PROJECT MANAGER and MAILSTOP
PHONE (213) 922-7984
Isidro Panuco (PanucoI@metro.net)

13. GRANTEE's Address:

City of Redondo Beach,
415 Diamond Street
Redondo Beach, CA 90277
Wisam "Sam" Altowaiji,
Wisam.altowaiji@redondo.org
(310) 318-0662

14. LACMTA anticipates it may need to avail itself of lower cost bonds or other debt, the interest on which is tax exempt for federal tax purposes and/or Build America Bonds as defined in the American Reinvestment and Recovery Act of 2009 or similar types of bonds (collectively, the "Bonds") to provide at least a portion of its funding commitments under this Agreement to GRANTEE. GRANTEE shall ensure that the expenditure of the Funds disbursed to GRANTEE does not jeopardize the tax-exemption of the interest, the Federal subsidy payment or the tax credit, as applicable, as specified in the Bond Requirements attached as Attachment G to this Agreement. GRANTEE agrees to provide LACMTA with progress reports, expenditure documentation, and any other documentation as reasonably requested by LACMTA and necessary for LACMTA to fulfill its responsibilities as the grantee or administrator or bond issuer of the Funds. With regard to LACMTA debt financing to provide any portion of the Funds, GRANTEE shall take all reasonable actions as may be requested of it by LACMTA's Project Manager for the Project, to assist LACMTA in demonstrating and maintaining over time, compliance with the relevant sections of the Federal Tax Code to maintain such bonds tax status.



PART II
GENERAL TERMS OF THE FA

1. **TERM**

The term of this FA shall commence on the Effective Date of this FA, and shall terminate upon the occurrence of all of the following, unless terminated earlier as provided herein: (i) the agreed upon Scope of Work has been completed; (ii) all LACMTA audit and reporting requirements have been satisfied; and (iii) the final disbursement of the Funds has been made to GRANTEE. All eligible Project expenses as defined in the Project Reporting and Expenditure Guidelines (Attachment D), incurred after the FA Effective Date shall be reimbursed in accordance with the terms and conditions of this FA unless otherwise agreed to by the parties in writing.

2. **SUSPENSION OR TERMINATION**

Should LACMTA determine there are insufficient Measure R Funds available for the Project, LACMTA may suspend or terminate this FA by giving written notice to GRANTEE at least thirty (30) days in advance of the effective date of such suspension or termination. If a Project is suspended or terminated pursuant to this section, LACMTA will not reimburse GRANTEE any costs incurred after that suspension or termination date, except those costs necessary (i) to return any facilities modified by the Project construction to a safe and operable state; and (ii) to suspend or terminate the construction contractor's control over the Project. LACMTA's share of these costs will be consistent with the established funding percentages outlined in this FA.

3. **INVOICE BY GRANTEE**

Unless otherwise stated in this FA, the Quarterly Expenditure Report, with supporting documentation of expenses and Project progress as described in Part II, Section 6.1 of this FA, and other documents as required, shall satisfy LACMTA invoicing requirements.

Submit invoice with supporting documentation to:
ACCOUNTSPAYABLE@METRO.NET (preferable)

or

mail to:

Los Angeles County Metropolitan Transportation Authority
Accounts Payable
P. O. Box 512296
Los Angeles, CA 90051-0296

All invoice material must contain the following information:

Re: LACMTA Project ID# MR312.42 and FA# FA920000000MR31242
Project Manager Isidro Panuco, Mail Stop 99-22-3



4. USE OF FUNDS

4.1 GRANTEE shall utilize the Funds to complete the Project as described in the Scope of Work and in accordance with the Reporting and Expenditure Guidelines and the specifications for use for the transportation purposes described in the Ordinance.

4.2 Attachment C shall constitute the agreed upon Scope of Work between LACMTA and GRANTEE for the Project. The Funds, as granted under this FA, can only be used towards the completion of the Scope of Work detailed in Attachment C.

4.3 GRANTEE shall not use the Funds to substitute for any other funds or projects not specified in this FA. Further, GRANTEE shall not use the Funds for any expenses or activities above and beyond the approved Scope of Work (Attachment C) without an amendment to the FA approved and signed by the LACMTA Chief Executive Officer or his/her designee. To the extent LACMTA provides GRANTEE with bond or commercial paper proceeds, such Funds may not be used to reimburse for any costs that jeopardize the tax exempt nature of such financings as reasonably determined by LACMTA and its bond counsel.

4.4 GRANTEE must use the Funds in the most cost-effective manner. If GRANTEE intends to use a consultant or contractor to implement all or part of the Project, LACMTA requires that such activities be procured in accordance with GRANTEE's contracting procedures and consistent with State law as appropriate. GRANTEE will also use the Funds in the most cost-effective manner when the Funds are used to pay "in-house" staff time. GRANTEE staff or consultant with project oversight roles can not award work to companies in which they have a financial or personal interest. This effective use of funds provision will be verified by LACMTA through on-going Project monitoring and through any LACMTA interim and final audits.

4.5 If a facility, equipment (such as computer hardware or software), vehicle or property, purchased or leased using the Funds, ceases to be used for the proper use as originally stated in the Scope of Work, or the Project is discontinued, any Funds expended for that purpose must be returned to LACMTA as follows: GRANTEE shall be required to repay the Funds in proportion to the useful life remaining and in an equal proportion of the grant to Grantee Funding Commitment ratio.

5. REIMBURSEMENT OF FUNDS

Funds will be released on a reimbursement basis in accordance with invoices submitted in support of the Monthly Progress and Quarterly Expenditure Reports. LACMTA will make all disbursements electronically unless an exception is requested in writing. Reimbursements via Automated Clearing House (ACH) will be made at no cost to GRANTEE. GRANTEE must complete the ACH form and submit such form to LACMTA before grant payments can be made. ACH Request Forms can be found at www.metro.net/projects_studies/call_projects/ref_docs.htm. GRANTEE must provide detailed supporting documentation with its Monthly Progress and Quarterly Expenditure Reports.



Grantee Funding Commitment, if any, must be spent in direct proportion to the Funds with each quarter's payment.

6. REPORTING AND AUDIT REQUIREMENTS/PAYMENT ADJUSTMENTS

6.1 GRANTEE shall submit the Monthly Progress Report (Attachment D-1) within seven (7) days from the last day of each month and submit the Quarterly Expenditure Report (Attachment D-2) within sixty (60) days after the close of each quarter on the last day of the months November, February, May and August. Should GRANTEE fail to submit such reports within 10 days of the due date and/or submit incomplete reports, LACMTA will not reimburse GRANTEE until the completed required reports are received, reviewed, and approved. The Monthly Progress and the Quarterly Expenditure Reports shall include all appropriate documentation (such as contractor invoices, timesheets, receipts, etc.), and any changes to interim milestone dates that do not impact the final milestone date. All supporting documents must include a clear justification and explanation of their relevance to the Project. If no activity has occurred during a particular quarter, GRANTEE will still be required to submit the Monthly Progress and Quarterly Expenditure Reports indicating no dollars were expended that quarter. If a request for reimbursement exceeds \$500,000 in a single month, then GRANTEE can submit such an invoice once per month with supporting documentation.

6.2 LACMTA, and/or its designee, shall have the right to conduct audits of the Project as deemed appropriate, such as financial and compliance audits, interim audits, pre-award audits, performance audits and final audits. LACMTA will commence a final audit within six months of receipt of acceptable final invoice, provided the Project is ready for final audit (meaning all costs and charges have been paid by GRANTEE and invoiced to LACMTA, and such costs, charges and invoices are properly documented and summarized in the accounting records to enable an audit without further explanation or summarization including actual indirect rates for the period covered by the FA period under review). GRANTEE agrees to establish and maintain proper accounting procedures and cash management records and documents in accordance with Generally Accepted Accounting Principles (GAAP). GRANTEE shall reimburse LACMTA for any expenditure not in compliance with the Scope of Work and/or not in compliance with other terms and conditions of this FA. The allowability of costs for GRANTEE's own expenditures submitted to LACMTA for this Project shall be in compliance with Office of Management and Budget (OMB) Circular A-87. The allowability of costs for GRANTEE's contractors, consultants and suppliers expenditures submitted to LACMTA through GRANTEE's Monthly Progress Reports and Quarterly Expenditures shall be in compliance with OMB Circular A-87 or Federal Acquisition Regulation (FAR) Subpart 31 and 2 CFR Subtitle A, Chapter II, Part 225 (whichever is applicable). Findings of the LACMTA audit are final. When LACMTA audit findings require GRANTEE to return monies to LACMTA, GRANTEE agrees to return the monies within thirty (30) days after the final audit is sent to GRANTEE.

6.3 GRANTEE's records shall include, without limitation, accounting records, written policies and procedures, contract files, original estimates, correspondence, change order files (including documentation covering negotiated settlements), invoices, and any other supporting evidence deemed necessary by LACMTA to substantiate charges related



to the Project (all collectively referred to as "records"). Such records shall be open to inspection and subject to audit and reproduction by LACMTA auditors or authorized representatives to the extent deemed necessary by LACMTA to adequately permit evaluation of expended costs. Such records subject to audit shall also include, without limitation, those records deemed necessary by LACMTA to evaluate and verify direct and indirect costs, (including overhead allocations) as they may apply to costs associated with the Project. These records must be retained by GRANTEE for three years following final payment under this Agreement. Payment of retention amounts shall not occur until after the LACMTA's final audit is completed.

6.4 GRANTEE shall cause all contractors to comply with the requirements of Part II, Section 5, paragraphs 6.2 and 6.3 above. GRANTEE shall cause all contractors to cooperate fully in furnishing or in making available to LACMTA all records deemed necessary by LACMTA auditors or authorized representatives related to the Project.

6.5 LACMTA or any of its duly authorized representatives, upon reasonable written notice, shall be afforded access to all of the records of GRANTEE and its contractors related to the Project, and shall be allowed to interview any employee of GRANTEE and its contractors through final payment to the extent reasonably practicable.

6.6 LACMTA or any of its duly authorized representatives, upon reasonable written notice, shall have access to the offices of GRANTEE and its contractors, shall have access to all necessary records, including reproduction, at no charge to LACMTA, and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the terms and conditions of this FA.

6.7 When business travel associated with the Project requires use of a vehicle, the mileage incurred shall be reimbursed at the mileage rates set by the Internal Revenue Service, as indicated in the United States General Services Administration Federal Travel Regulation, Privately Owned Vehicle Reimbursement Rates.

6.8 GRANTEE shall be responsible for ensuring all contractors/ subcontractors for the Project comply with the terms of the Ordinance. GRANTEE shall cooperate with LACMTA Audit Department such that LACMTA can meet its obligations under the Ordinance.

6.9 GRANTEE shall certify each invoice by reviewing all subcontractor costs and maintaining internal control to ensure that all expenditures are allocable, allowable and reasonable and in accordance with OMB A-87 or FAR subpart 31 and 2 CFR Subtitle A, Chapter II, part 225, (whichever is applicable) and the terms and conditions of this FA.

6.10 GRANTEE shall also certify final costs of the Project to ensure all costs are in compliance with OMB A-87 or FAR subpart 31 and 2 CFR Subtitle A, Chapter II, part 225, (whichever is applicable) and the terms and conditions of this FA.



6.11 In addition to LACMTA's other remedies as provided in this FA, LACMTA may withhold the Funds if the LACMTA audit has determined that GRANTEE failed to comply with the Scope of Work (such as misusing Funds or failure to return Funds owed to LACMTA in accordance with LACMTA audit findings) and /or is severely out of compliance with other terms and conditions as defined by this FA, including the access to records provisions of Part II, Section 6.

7. GRANT

This is a one time only grant of the Measure R Funds subject to the terms and conditions agreed to herein. This grant does not imply nor obligate any future funding commitment on the part of LACMTA.

8. SOURCES AND DISPOSITION OF FUNDS

8.1 The obligation for LACMTA to grant the Funds for the Project is subject to sufficient Funds being made available for the Project by the LACMTA Board of Directors. If such Funds are not made available as anticipated from Measure R Program revenues, LACMTA will have the right to adjust the cash flow accordingly until such funds become available. LACMTA shall have no obligation to provide any other funds for the Project, unless otherwise agreed to in writing by LACMTA.

8.2 GRANTEE shall fully fund and contribute the Grantee Funding Commitment, if any is identified in the Project Funding (Attachment A), towards the cost of the Project. If the Funds identified in Attachment A are insufficient to complete the Project, GRANTEE may request additional Measure R funds from its sub-region earmark pending support of the sub-region's Governing Board, the South Bay Cities Council of Governments (SBCCOG). A particular sub-region's Measure R funds are limited to the amount specified in the Ordinance and is still subject to approval of the LACMTA Board. Nothing in this FA shall obligate, or be construed to obligate the LACMTA Board to approve such request for additional funds. If the Funds are still insufficient to complete the Project, GRANTEE agrees to secure and provide such additional non-LACMTA programmed funds necessary to complete the Project.

8.3 GRANTEE shall be responsible for any and all cost overruns for the Project pursuant to Section 8.2.

8.4 GRANTEE shall be eligible for the Funds up to the grant amount specified in Part I, Section 2 of this FA subject to the terms and conditions contained herein. Any Funds expended by GRANTEE prior to the Effective Date of this FA shall not be reimbursed nor shall they be credited toward the Grantee Funding Commitment requirement, without the prior written consent of LACMTA. Grantee Funding Commitment dollars expended prior to the year the Funds are awarded shall be spent at GRANTEE's own risk.

8.5 If GRANTEE receives outside funding for the Project in addition to the Funds identified in the Project Funding and the Expenditure Plan at the time this grant was



awarded, this FA shall be amended to reflect such additional funding. If, at the time of final invoice or voucher, funding for the Project (including the Funds, Grantee Funding Commitment, and any additional funding) exceeds the actual Project costs, then the cost savings shall be applied in the same proportion as the sources of funds from each party to this FA as specified in the Project Funding and both the Funds and Grantee Funding Commitment required for the Project shall be reduced accordingly. LACMTA shall have the right to use any cost savings associated with the Funds at its sole discretion, including, without limitation, programming the unused Funds to another project or to another grantee. If, at the time of final voucher, it is determined that GRANTEE has received Funds in excess of what GRANTEE should have received for the Project, GRANTEE shall return such overage to LACMTA within 30 days from final voucher.

9. TIMELY USE OF FUNDS / REPROGRAMMING OF FUNDS

9.1 GRANTEE must demonstrate timely use of the Funds by:

- (i) Executing this FA within **ninety (90) days** of receiving formal transmittal of the FA from LACMTA, or by December 31 of the first Fiscal Year in which the Funds are programmed, whichever date is later; and
- (ii) Beginning Project Design, Preliminary Engineering-(PE) within **six (6) months** from completion of environmental clearance, if appropriate.
- (iii) Expending Project Development or Right-of-Way costs (including by deposit into a condemnation action) by the end of the **second (2nd) fiscal year** following the year the Funds were first programmed; and
- (iv) Executing Contracts for Construction or Capital purchase within **twelve (12) months** from the date of completion of design; and
- (v) Delivering Work in accordance with schedule; changes to the schedule will require an Amendment to Attachment C to reflect updated milestone dates. Meeting the Project milestone due dates as agreed upon by the LACMTA and GRANTEE in Attachment C (Scope of Work) of this FA; and
- (vi) Submitting the Monthly Progress and Quarterly Expenditure Reports as described in Part II, Section 6.1 of this FA; and
- (vii) Expending the 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 Funds programmed for FY 2013-14 are subject to lapse by June 30, 2018. All Funds programmed for FY 2014-15 are subject to lapse by June 30, 2019. All Funds programmed for FY 2015-16 are subject to lapse by June 30, 2020.

9.2 In the event that the timely use of the Funds is not demonstrated as described in Part II, Section 9.1 of this FA, the Project will be reevaluated by LACMTA as part



of its annual Recertification/Deobligation process and the Funds may be reprogrammed to another project by the LACMTA Board of Directors in accordance with the Ordinance, which may require that any reprogrammed funds be returned to the sub-region. In the event that all the Funds are reprogrammed, this FA shall automatically terminate.

10. DEFAULT

A Default under this FA is defined as any one or more of the following: (i) GRANTEE fails to comply with the terms and conditions contained herein; or (ii) GRANTEE fails to perform satisfactorily or makes a material change, as determined by LACMTA at its sole discretion, to the Expenditure Plan, the Scope of Work, or the Project Funding without LACMTA's prior written consent or approval as provided herein.

11. REMEDIES

11.1 In the event of a Default by GRANTEE, LACMTA shall provide written notice of such Default to GRANTEE with a 30-day period to cure the Default. In the event GRANTEE fails to cure the Default, or commit to cure the Default and commence the same within such 30-day period to the satisfaction of LACMTA, LACMTA shall have the following remedies: (i) LACMTA may terminate this FA; (ii) LACMTA may make no further disbursements of Funds to GRANTEE; and/or (iii) LACMTA may recover from GRANTEE any Funds disbursed to GRANTEE as allowed by law or in equity.

11.2 Effective upon receipt of written notice of termination from LACMTA, GRANTEE shall not undertake any new work or obligation with respect to this FA unless so directed by LACMTA in writing. Any Funds expended after termination shall be the sole responsibility of GRANTEE.

11.3 The remedies described herein are non-exclusive. LACMTA shall have the right to enforce any and all rights and remedies herein or which may be now or hereafter available at law or in equity.

12. COMMUNICATIONS

12.1 GRANTEE shall ensure that all Communication Materials contain recognition of LACMTA's contribution to the Project as more particularly set forth in "Funding Agreement Communications Materials Guidelines" available on line or from the LACMTA Project Manager. Please check with the LACMTA Project Manager for the web address. The Funding Agreement Communications Materials Guidelines may be changed from time to time during the course of this Agreement. GRANTEE shall be responsible for complying with the latest Funding Agreement Communications Materials Guidelines during the term of this Agreement, unless otherwise specifically authorized in writing by the LACMTA Chief Communications Officer.

12.2 For purposes of this Agreement, "Communications Materials" include, but are not limited to, press events, public and external newsletters, printed



materials, advertising, websites radio and public service announcements, electronic media, and construction site signage. A more detailed definition of "Communications Materials" is found in the Funding Agreement Communications Materials Guidelines.

12.3 The Metro logo is a trademarked item that shall be reproduced and displayed in accordance with specific graphic guidelines. These guidelines and logo files including scalable vector files will be available through the LACMTA Project Manager.

12.4 GRANTEE shall ensure that any subcontractor, including, but not limited to, public relations, public affairs, and/or marketing firms hired to produce Project Communications Materials for public and external purposes will comply with the requirements contained in this Section.

12.5 The LACMTA Project Manager shall be responsible for monitoring GRANTEE compliance with the terms and conditions of this Section. GRANTEE's failure to comply with the terms of this Section shall be deemed a default hereunder and LACMTA shall have all rights and remedies set forth herein.

13. OTHER TERMS AND CONDITIONS

13.1 This FA, along with its Attachments, constitutes the entire understanding between the parties, with respect to the subject matter herein. The FA shall not be amended, nor any provisions or breach hereof waived, except in writing signed by the parties who agreed to the original FA or the same level of authority. Adoption of revisions or supplements to the Guidelines shall cause such revisions or supplements to become incorporated automatically into this Agreement as though fully set forth herein.

13.2 GRANTEE is obligated to continue using the Project dedicated to the public transportation purposes for which the Project was initially approved. The Project right-of-way, the Project facilities constructed or reconstructed on the Project site, and/or Project property purchased, excluding construction easements and excess property (whose proportionate proceeds shall be distributed in an equal proportion of the grant to Grantee Funding Commitment ratio), shall remain dedicated to public transportation use in the same proportion and scope and to the same extent as described in this FA. Equipment acquired as part of the Project, including office equipment, vehicles, shall be dedicated to that use for their full economic life cycle, including any extensions of that life cycle achieved by reconstruction, rehabilitation, or enhancements.

13.3 In the event that there is any legal court (e.g., Superior Court of the State of California, County of Los Angeles, or the U.S. District Court for the Central District of California) proceeding between the parties to enforce or interpret this FA, to protect or establish any rights or remedies hereunder, the prevailing party shall be entitled to its costs and expenses, including reasonable attorney's fees.

13.4 Neither LACMTA nor any officer or employee thereof shall be responsible for any damage or liability occurring by reason of anything done or committed to



be done by GRANTEE under or in connection with any work performed by and or service provided by GRANTEE, its officers, agents, employees, contractors and subcontractors under this FA. GRANTEE shall fully indemnify, defend and hold LACMTA and its subsidiaries, and its officers, agents and employees harmless from and against any liability and expenses, including without limitation, defense costs, any costs or liability on account of bodily injury, death or personal injury of any person or for damage to or loss of risk of property, any environmental obligation, any legal fees and any claims for damages of any nature whatsoever arising out of the Project, including without limitation: (i) use of the Funds by GRANTEE, or its officers, agents, employees, contractors or subcontractors; (ii) breach of GRANTEE's obligations under this FA; or (iii) any act or omission of GRANTEE, or its officers, agents, employees, contractors or subcontractors in the performance of the work or the provision of the services, in connection with the Project including, without limitation, the Scope of Work, described in this FA.

13.5 Neither party hereto shall be considered in default in the performance of its obligation hereunder to the extent that the performance of any such obligation is prevented or delayed by unforeseen causes including acts of God, acts of a public enemy, and government acts beyond the control and without fault or negligence of the affected party. Each party hereto shall give notice promptly to the other of the nature and extent of any such circumstances claimed to delay, hinder, or prevent performance of any obligations under this FA.

13.6 GRANTEE shall comply with and insure that work performed under this FA is done in compliance with Generally Accepted Accounting Principles (GAAP), all applicable provisions of federal, state, and local laws, statutes, ordinances, rules, regulations, and procedural requirements including Federal Acquisition Regulations (FAR), and the applicable requirements and regulations of LACMTA. GRANTEE acknowledges responsibility for obtaining copies of and complying with the terms of the most recent federal, state, or local laws and regulations, and LACMTA requirements including any amendments thereto.

13.7 GRANTEE agrees that the applicable requirements of this FA shall be included in every contract entered into by GRANTEE or its contractors relating to work performed under this FA and LACMTA shall have the right to review and audit such contracts.

13.8 GRANTEE shall not assign this FA, or any part thereof, without prior approval of the LACMTA Chief Executive Officer or his/her designee, and any assignment without said consent shall be void and unenforceable.

13.9 This FA shall be governed by California law. If any provision of this FA is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in any way.

13.10 The covenants and agreements of this FA shall inure to the benefit of, and shall be binding upon, each of the parties and their respective successors and assigns.



13.11 Implementation of any ITS project shall be consistent with the Regional ITS Architecture. ITS projects must comply with the LACMTA Countywide ITS Policy and Procedures adopted by the LACMTA Board of Directors including the submittal of a completed, signed self-certification form in the form of Attachment F-1. For the ITS policy and form, see www.metro.net/projects_studies/call_projects/other_resources.htm.

13.12 If any parking facilities are designed and/or constructed using the Funds, GRANTEE shall coordinate with LACMTA parking program staff (see www.metro.net for staff listing) in the planning, design and management of the facility and shall ensure that its implementation is consistent with the LACMTA adopted parking policy. For the parking policy, see www.metro.net/projects_studies/call_projects/other_resources.htm.

13.13 GRANTEE will advise LACMTA prior to any key Project staffing changes.

13.14 Notice will be given to the parties at the address specified in Part I, unless otherwise notified in writing of change of address.

13.15 GRANTEE, in the performance of the work described in this FA, is not a contractor nor an agent or employee of LACMTA. GRANTEE attests to no organizational or personal conflicts of interest and agrees to notify LACMTA immediately in the event that a conflict, or the appearance thereof, arises. GRANTEE shall not represent itself as an agent or employee of LACMTA and shall have no powers to bind LACMTA in contract or otherwise.



ATTACHMENT A - PROJECT FUNDING

Measure R Program - Funding Agreement Projects - FA # 920000000MR31242

Project Title: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) Project#: MR312.42

PROGRAMMED BUDGET - SOURCES OF FUNDS

SOURCES OF FUNDS	FY2010-11	FY2011-12	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	FY2017-18	Total Budget	% of Budget
LACMTA PROGRAMMED FUNDING										
MEASURE R FUNDS				\$125,000	\$185,000	\$4,865,000			\$5,175,000	100%
SUBTOTAL				\$125,000	\$185,000	\$4,865,000			\$5,175,000	
LACMTA PROGRAMMED FUNDS BY YEAR SUBTOTAL				\$125,000	\$185,000	\$4,865,000			\$5,175,000	100%
OTHER SOURCES OF FUNDING:										
LOCAL:									\$0	0%
STATE:									\$0	0%
FEDERAL:									\$0	0%
PRIVATE OR OTHER:									\$0	0%
OTHER FUNDING SUBTOTAL		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
TOTAL PROJECT FUNDS	\$0	\$0	\$0	\$125,000	\$185,000	\$4,865,000	\$0	\$0	\$5,175,000	100%



ATTACHMENT B EXPENDITURE PLAN GUIDELINES

State Law Requires All Measure R Project and Program Sponsors to Submit an Expenditure Plan

To be eligible to receive Measure R revenues, an agency sponsoring a capital project or program must by state law (AB 2321) submit an expenditure plan that is acceptable to the Los Angeles County Metropolitan Transportation Authority (LACMTA). Pursuant to this law, LACMTA cannot release Measure R funds to capital project or program sponsors until an expenditure plan containing the following elements is submitted, reviewed and deemed satisfactory by LACMTA. LACMTA staff will request that an expenditure plan be submitted before making a recommendation to the LACMTA Board to program funds to that project:

- o The estimated total cost for each project and program and/or each project or program activity;
- o Funds other than Measure R that the project or program sponsor anticipates will be expended on the projects and programs and/or each project or program activity;
- o The schedule during which the project sponsor anticipates funds will be available for each project and program and/or each project or program activity; and,
- o The expected completion dates for each project and program and/or project or program activity.

Each of the above elements must be provided in enough detail to determine consistency with Measure R, the Long Range Transportation Plan for Los Angeles County, and the Los Angeles County Transportation Improvement Program (also a statutorily mandated function), as follows:

- o Project or program scope of work, including sufficient information to determine funding eligibility, including, but not limited to, the anticipated proportional use of current rail rights-of-way, state highways, and below-ground subways versus any other rights-of-way or above-ground work;
- o A current-year cost estimate breakdown of the major sub-elements of the project such as overhead, environmental and permit work, design and engineering, right-of-way, construction/installation (including maintenance facilities, rail yard, equipment and other major components), construction/installation support, interest costs, rolling stock, and other supporting components;
- o Any extraordinary project cost escalation issues, such as extraordinary commodity, right-of-way, surety, energy costs, etc.;
- o A specific and accurate description of the source, commitment, and anticipated annual availability of any federal, state, local, or private funding identified for the project if applicable including a 3% local funding contribution to rail projects if indicated in Measure R and necessary to meet project expenses, and if the source funds are in current or year-of-expenditure dollars;
- o An annual schedule, in current dollars, of anticipated costs by the cost estimate categories described above; and;
- o The expected completion by month and year of project or program completion.



ATTACHMENT B EXPENDITURE PLAN GUIDELINES

State Law Requires All Measure R Project and Program Sponsors to Submit an Expenditure Plan

Below is an excerpt of AB 2321 (2008, Feuer) the state legislation that requires the expenditure plan.

What AB 2321 (2008, Feuer) Says About the Expenditure Plan:

Section b (3) B

(f) Prior to submitting the ordinance to the voters, the MTA shall adopt an expenditure plan for the net revenues derived from the tax. The expenditure plan shall include, in addition to other projects and programs identified by the MTA, the specified projects and programs listed in paragraph (3) of subdivision (b), the estimated total cost for each project and program, funds other than the tax revenues that the MTA anticipates will be expended on the projects and programs, and the schedule during which the MTA anticipates funds will be available for each project and program. The MTA shall also identify in its expenditure plan the expected completion dates for each project described in subparagraph (A) of paragraph (3) of subdivision (b). To be eligible to receive revenues derived from the tax, an agency sponsoring a capital project or capital program shall submit to the MTA an expenditure plan for its project or program containing the same elements as the expenditure plan that MTA is required by this subdivision to prepare.

(k) No later than 365 days prior to the adoption of an amendment described in paragraph (1) to an expenditure plan adopted pursuant to subdivision (f), including, but not limited to, the expenditure plan adopted by the MTA board as "Attachment A" in Ordinance #08-01 adopted by the board on July 24, 2008, and in addition to any other notice requirements in the proposing ordinance, the board shall notify the Members of the Legislature representing the County of Los Angeles of all of the following:

(1) A description of the proposed amendments to the adopted expenditure plan that would do any of the following:

(A) Affect the amount of net revenues derived from the tax imposed pursuant to this act that is proposed to be expended on a capital project or projects identified in the adopted expenditure plan.

(B) Affect the schedule for the availability of funds proposed to be expended on a capital project or projects identified in the adopted expenditure plan.

(C) Affect the schedule for the estimated or expected completion date of a capital project or projects identified in the adopted expenditure plan.

(2) The reason for the proposed amendment.

(3) The estimated impact the proposed amendment will have on the schedule, cost, scope, or timely availability of funding for the capital project or projects contained in the adopted expenditure plan.



ATTACHMENT B1 - EXPENDITURE PLAN COST & CASH FLOW BUDGET

Measure R Program - Funding Agreement Projects - FA # 920000000MR31242

Project Title: Inglewood Ave. at Manhattan Beach Blvd. Intersection Improvements (Southbound Right Turn Lane) Project#:MR312.42

PROGRAMMED SOURCES OF FUNDS

SOURCES OF FUNDS	FY 2014-15 Qtr 1	FY 2014-15 Qtr 2	FY 2014-15 Qtr 3	FY 2014-15 Qtr 4	FY 2015-16 Qtr 1	FY 2015-16 Qtr 2	FY 2015-16 Qtr 3	FY 2015-16 Qtr 4	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:									
MEASURE R FUNDS:									
PAED			\$20,000						\$20,000
PS&E			\$30,000		\$150,000				\$180,000
RW Support			\$75,000		\$35,000				\$110,000
Const. Support									\$0
RW									\$0
Construction									\$0
Total MEASURE R	\$0	\$0	\$125,000	\$0	\$185,000	\$0	\$0	\$0	\$310,000
PROP C 25%									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
Total PROP C 25%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUM PROG LACMTA FUNDS:	\$0	\$0	\$125,000	\$0	\$185,000	\$0	\$0	\$0	\$310,000
SOURCES OF FUNDS	FY 2016-17 Qtr 1	FY 2016-17 Qtr 2	FY 2016-17 Qtr 3	FY 2016-17 Qtr 4	FY 2017-18 Qtr 1	FY 2017-18 Qtr 2	FY 2017-18 Qtr 3	FY 2017-18 Qtr 4	TOTAL BUDGET
LACMTA PROGRAMMED FUNDS:									
MEASURE R FUNDS:									
PAED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PS&E	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RW Support	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Const. Support	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000	\$85,000	\$165,000
RW	\$0	\$0	\$1,485,000	\$1,485,000	\$0	\$0	\$0	\$0	\$2,970,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000	\$1,700,000
Total MEASURE R	\$0	\$0	\$1,515,000	\$1,485,000	\$0	\$0	\$930,000	\$935,000	\$4,865,000
PROP C 25%									
PAED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PS&E	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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
Total PROP C 25%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUM PROG LACMTA FUNDS:	\$0	\$0	\$1,515,000	\$1,485,000	\$0	\$0	\$930,000	\$935,000	\$4,865,000
PROJECT FUNDING FY17-18	\$0	\$0	\$1,515,000	\$1,485,000	\$0	\$0	\$930,000	\$935,000	\$4,865,000
SUMMARY OF ALL FUNDS									
PAED	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
PS&E	\$0	\$0	\$30,000	\$0	\$150,000	\$0	\$0	\$0	\$180,000
RW Support	\$0	\$0	\$105,000	\$0	\$35,000	\$0	\$0	\$0	\$140,000
Const. Support	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000	\$85,000	\$165,000
RW	\$0	\$0	\$1,485,000	\$1,485,000	\$0	\$0	\$0	\$0	\$2,970,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000	\$1,700,000
TOTAL MILESTONES	\$0	\$0	\$1,640,000	\$1,485,000	\$185,000	\$0	\$930,000	\$935,000	\$5,175,000
SUM PROG LACMTA FUNDS	\$0	\$0	\$1,640,000	\$1,485,000	\$185,000	\$0	\$930,000	\$935,000	\$5,175,000
SUM NON-LACMTA FUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT FUNDING	\$0	\$0	\$1,640,000	\$1,485,000	\$185,000	\$0	\$930,000	\$935,000	\$5,175,000



ATTACHMENT C

SCOPE OF WORK

PROJECT TITLE: Inglewood Ave. at Manhattan Beach Blvd. Intersection
Improvements (Southbound Right Turn Lane)

PROJECT LOCATION:

The project is located in the County of Los Angeles, in the City of Redondo Beach.

PROJECT LIMITS:

The project limits are the Northwest Corner of Inglewood Ave. at Manhattan Beach Blvd., from the corner to approximately 300 feet north of the intersection.

NEXUS TO HIGHWAY OPERATION DEFINITION/PROJECT PURPOSE:

The purpose of this project is to construct a southbound right turn lane on Inglewood Ave. at the intersection of Manhattan Beach Blvd. to eliminate congestion for the southbound through traffic. Inglewood Blvd. is a major travel corridor from the I-405 freeway. This project will improve the flow of traffic through this intersection.

BUDGET:

COMPONENT	AMOUNT
PA/ED	20,000
PS and E	180,000
R/W Support	140,000
R/W Capital	2,970,000
Construction Support	165,000
Construction Capital	<u>1,700,000</u>
Total Budget	\$5,175,000

SCOPE:

DESIGN: "Consultant" Staff to Perform this Task.

I. Preliminary Design – "Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report" as Final Work Product

"Consultant" Staff to perform the following tasks:

- 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 Inglewood Ave.



- C. Obtain 24 hour and other necessary traffic counts to compare existing Level of Service to future with project Level of Service at the intersection.
- D. Incorporate provided layout plans to be incorporated into the final design.
- E. 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.
- F. Identify and coordinate with all utilities in the project area to facilitate the final design of the Project.
- G. Conduct soil contamination investigations within a 500 foot radius of Inglewood Ave and Manhattan Beach Blvd. intersection.
- H. 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.
- I. Obtain street pavement structural sections for project area.
- J. 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.
- K. Prepare and submit a Report identifying the ultimate alignment of roadway improvements, as well as the recommended ultimate repair strategy for the Inglewood Ave. at Manhattan Beach Blvd. Southbound Right Turn Lane Improvements. 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 shall be clearly identified.
- L. Prepare and submit an Engineer's construction cost estimate for all recommended improvements identified in the Report.

II. Environmental Analysis

"Consultant" Staff to perform the following tasks:

- 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.

III. Final Design – Plans, Specifications and Estimates

"Consultant" Staff to perform the following tasks:

- A. Design the ultimate build out of Inglewood Ave, and ultimate repair strategy for Inglewood Ave., based on the City reviewed **"Proposed Land Acquisition on Inglewood Ave. North of Manhattan Beach Blvd. Report"**.



- B. Prepare civil roadway plans for the required improvements, consistent with City format. 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/Bikeway/Signage/Signal Plans, and Street Lighting/Electrical.
- C. Submittal of plan set shall be delivered at 35%, 65%, 90%, 95% complete and final (five (5) sets per submittal). When project is complete, the Consultant shall provide signed and stamped CAD files for all plan sheets.
- D. Assist the City for the Community Information Workshop after the 90% submittal by preparing exhibits and attending workshop and be prepared to discuss concerns of the property owners along Inglewood Ave, particularly with issues of right-of-way acquisition.
- 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 65% and 90% complete and final in a spreadsheet format.

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

"Consultant" Staff to perform the following tasks

V.

- 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, presentation of "Summary Letter Report", 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" Staff to Perform this Task

The budget includes Right-of-Way Support and Right-of-Way Capital costs.

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 rights-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" Staff to perform the following tasks



- 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 expects to provide construction oversight, procure a consultant for construction management and let a low bid contract for construction and to perform the following tasks:

- A. Conduct a "Ground Breaking" ceremony for the project.
- B. Contract with a separate engineering firm to provide Construction Management for the Project. This will be accomplished through an RFP.
- C. Contract with a 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 be and not be limited to: Pre-Construction Meeting, progress meetings and preparation of response to RFIs.



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

	START DATE	COMPLETION DATE
SOLICITATION (BID/PROPOSAL)		
Develop Solicitation Package	May 1, 2015	September 1, 2015
Solicitation Response	September 23, 2015	November 1, 2015
Evaluations	November 1, 2015	November 27, 2015
Selection	November 27, 2015	December 4, 2015
Board Approval	February 2, 2016	March 1, 2016
Contract Award	March 1, 2016	March 1, 2016
Fully Executed Contract	April 1, 2016	April 1, 2016
PLANNING		
Prepare Concept Report	May 1, 2016	November 1, 2016
Prepare Feasibility Study	May 1, 2016	November 1, 2016
Prepare Project Study Report	May 1, 2016	November 1, 2016
Intelligent Transportation System (ITS)		
Feasibility Study		
Concept Exploration		
Insert other planning milestones		
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		
Insert other prelim design milestones		
PA&ED		
Prepare Environmental Document Document Type: _____	November 1, 2016	
Scoping		
Technical Studies		
Draft Environmental Document		
Final Environmental Document		
Community Outreach		
Secure Project Approval		February 1, 2017
Intelligent Transportation System (ITS)		
Categorical Exemption Filing		
Insert other PAED milestones		
PS&E		
35% PS&E		
Preliminary Investigations	July 1, 2016	January 1, 2017
Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
ADL Review		
Utilities		
Right-of-Way		
Estimating		
Civil Design	July 1, 2016	January 1, 2017
Structural Design		
Intelligent Transportation System (ITS)		



FTIP #: LA0G997
Subregion ID: I-405, I-110, I-105, and SR-91 Ramp and
Interchange Improvements (South Bay)

Project#: MR312.42
FA# 920000000MR31242

Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Software Specifications		
Project Review & Comments		February 1, 2017
65% PS&E		
Civil Design Plans	February 1, 2017	July 1, 2017
Right-of-Way Engineering		
Structural Design		
Prepare Project Cost Estimate		
Intelligent Transportation System (ITS)		
Detailed Design		
ITS Drawings		
System Plans		
Communications Plans		
Systems Integrations Plans		
Equipment Specifications		
Software Specifications		
Project Review & Comments		September 1, 2017
95% PS&E		
Civil Design Plans	March 1, 2018	June 1, 2018
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	June 1, 2018	August 1, 2018
Outside Agency Review		December 1, 2018
Insert other PS&E Milestones		
RIGHT OF WAY SUPPORT		
Certification/Mapping		
Appraisal		
RIGHT OF WAY ACQUISITION		
Certification/Mapping		
Title Report		
Meet with Property Owners	July 1, 2016	February 1, 2019
Appraisal	September 1, 2016	March 1, 2017
Environmental Investigation		
Closing/Acquire Property/Relocation	August 1, 2017	February 1, 2019
Physical Possession		
Remediation		
Insert other ROW milestones		
Utility Relocation		
Third Party Coordination		
Design Utilities		
Relocate Utilities		



FTIP #: LA0G997
 Subregion ID: I-405, I-110, I-105, and SR-91 Ramp and
 Interchange Improvements (South Bay)

Project#: MR312.42
 FA# 920000000MR31242

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

	START DATE	COMPLETION DATE
Solicitation (Bid/Proposal)		
Develop Solicitation Package	August 1, 2018	November 1, 2018
Solicitation Response	December 1, 2018	January 1, 2019
Evaluations		
Selection		
Board Approval Process		
Contract Award	July 1, 2021	July 1, 2021
Fully Executed Contract	August 1, 2021	August 1, 2021
Excavation		
Clear/Grub	October 1, 2021	April 1, 2022
Survey		
Sample Borings		
Grading		
Compaction		
Drainage		
Environmental		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
Concrete		
Form Work		
Rebar Placement		
Pole Placement		
Traffic Control		
TMP		
Structural		
False Work		
Iron Placement		
Pole Placement		
Utilities		
DWP		
SCE		
LADOT		
Materials		
Long-Lead Equipment		
Staging		
Material Lay Down Area		
Signage		
Electrical		
Power U/G Communication		
A/G Testing/Acceptance		



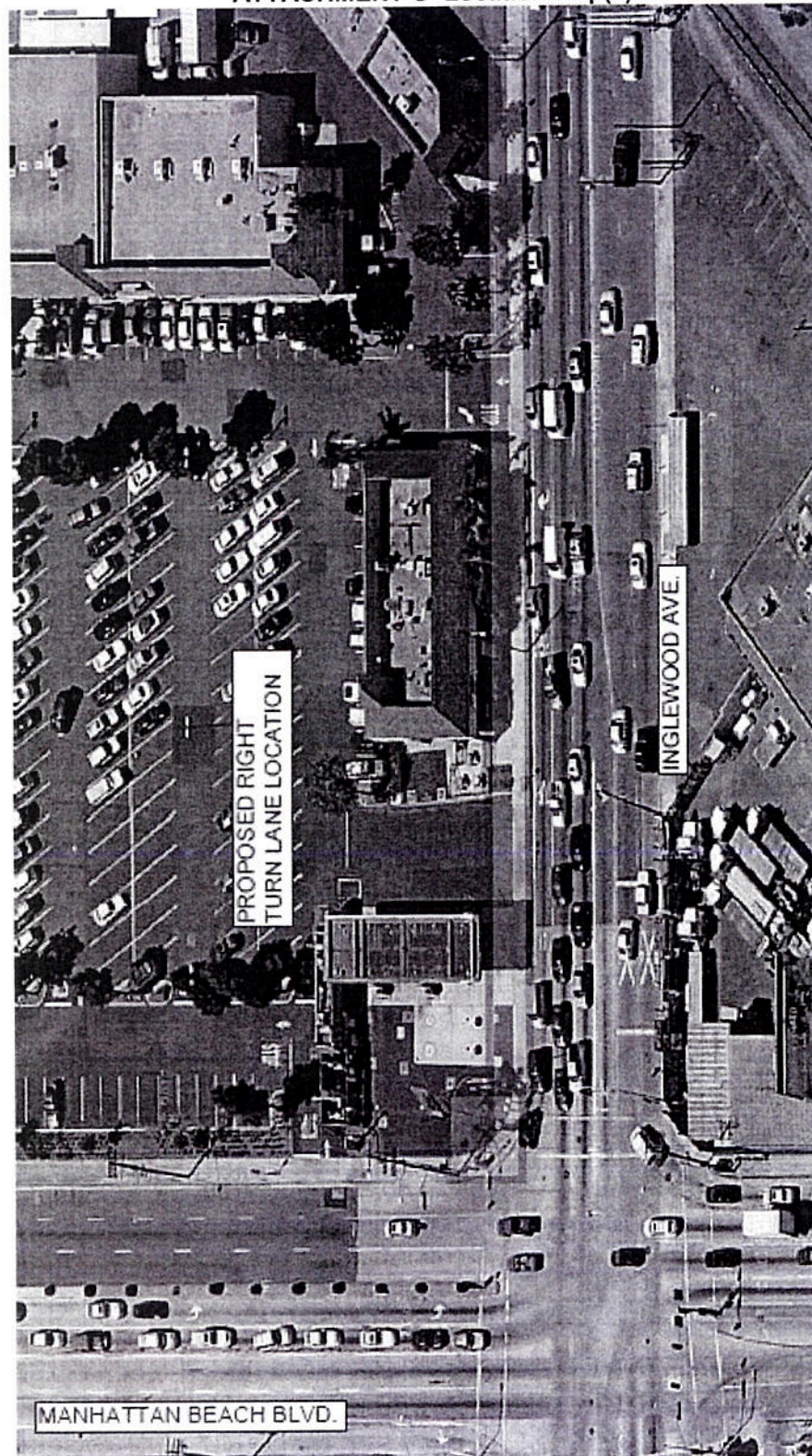
FTIP #: LA0G997
Subregion ID: I-405, I-110, I-105, and SR-91 Ramp and
Interchange Improvements (South Bay)

Project#: MR312.42
FA# 920000000MR31242

	START DATE	COMPLETION DATE
Landscape		
Clearing		
Planting		
Plant Establishment		
Irrigation		
Testing		
General Construction/close out project	October 1, 2021	June 1, 2022
Change Orders		
P.O. Processing Time		
Weather		
Third Party Issues		
Strike Labor Walk Outs		
Force Majeure		
Claims		



ATTACHMENT C -Location Map(s)



FA ATTACHMENT D

PROJECT REPORTING & EXPENDITURE GUIDELINES

REPORTING PROCEDURES

- Quarterly Progress/Expenditure Report (Attachment D1) is required for all projects. The GRANTEE shall be subject to and comply with all applicable requirements of the funding agency regarding project-reporting requirements. In addition, GRANTEE will submit a quarterly report to the LACMTA at ACCOUNTSPAYABLE@METRO.NET or by mail to Los Angeles County Metropolitan Transportation Authority, Accounts Payable, P. O. Box 512296, Los Angeles, California 90051-0296. Please note that letters or other forms of documentation may not be substituted for this form.
- The Quarterly Progress/Expenditure Report covers all activities related to the project and lists all costs incurred. It is essential that GRANTEE provide complete and adequate response to all the questions. The expenses listed must be supported by appropriate documentation with a clear explanation of the purpose and relevance of each expense to the project.
- In cases where there are no activities to report, or problems causing delays, clear explanation, including actions to remedy the situation, must be provided.
- GRANTEES are required to track and report on the project schedule. LACMTA will monitor the timely use of funds and delivery of projects. Project delay, if any, must be reported each quarter.
- The Quarterly Progress/Expenditure Report is due to the LACMTA as soon as possible after the close of each quarter, but no later than the following dates for each fiscal year:

<i>Quarter</i>	<i>Report Due Date</i>
July –September	November 30
October - December	February 28
January - March	May 31
April - June	August 31

Upon completion of the Project a final report that includes project's final evaluation must be submitted.



EXPENDITURE GUIDELINES

- Any activity or expense charged above and beyond the approved Scope of Work (FA Attachment C) is considered ineligible and will not be reimbursed by the LACMTA unless prior written authorization has been granted by the LACMTA Chief Executive Officer or his/her designee.
- Any expense charged to the grant must be clearly and directly related to the project.
- Administrative cost is the ongoing expense incurred by the GRANTEE for the duration of the project and for the direct benefit of the project as specified in the Scope of Work (Attachment C). Examples of administrative costs are personnel, office supplies, and equipment. As a condition for eligibility, all costs must be necessary for maintaining, monitoring, coordinating, reporting and budgeting of the project. Additionally, expenses must be reasonable and appropriate to the activities related to the project.
- LACMTA is not responsible for, and will not reimburse any costs incurred by the GRANTEE prior to the Effective Date of the FA, unless written authorization has been granted by the LACMTA Chief Executive Officer or his/her designee.

DEFINITIONS

- Allowable Cost: To be allowable, costs must be reasonable, recognized as ordinary and necessary, consistent with established practices of the organization, and consistent with industry standard of pay for work classification.
- Excessive Cost: Any expense deemed “excessive” by LACMTA staff would be adjusted to reflect a “reasonable and customary” level. For detail definition of “reasonable cost”, please refer to the Federal Register *OMB Circulars A-87 Cost Principals for State and Local Governments; and A-122 Cost Principals for Nonprofit Organizations*.
- Ineligible Expenditures: Any activity or expense charged above and beyond the approved Scope of Work is considered ineligible.



LACMTA
ATTACHMENT D-1
PROJECT TITLE:
MONTHLY PROGRESS REPORT

Grantee To Complete	
Invoice #	
Invoice Date	
FA#	
Monthly Report #	

GRANTEES ARE REQUESTED TO EMAIL THIS REPORT TO

ACCOUNTSPAYABLE@METRO.NET

or submit by mail to:

Los Angeles County Metropolitan Transportation Authority

Accounts Payable

P. O. Box 512296

Los Angeles, California 90051-0296

after the close of each month. Please note that letters or other forms

of documentation may not be substituted for this form. Refer to the

Reporting and Expenditure Guidelines (Attachment D) for further information.

SECTION 1: GENERAL INFORMATION

PROJECT TITLE: _____

FA #: _____

MONTHLY REPORT SUBMITTED FOR: Month: _____ Year: _____

DATE SUBMITTED: _____

LACMTA Project Manager	Name:	
	Phone Number:	
	e-mail:	
GRANTEE Contact / Project Manager	Contact Name:	
	Job Title:	
	Department:	
	City / Agency:	
	Mailing Address:	
	Phone Number:	
	e-mail:	



LACMTA
ATTACHMENT D-1
PROJECT TITLE:
MONTHLY PROGRESS REPORT
SECTION 3: MONTHLY PROGRESS REPORT
1. DELIVERABLES & MILESTONES

List all deliverables and milestones as stated in the FA, with start and end dates. **DO NOT CHANGE THE ORIGINAL FA MILESTONE START AND END DATES BELOW.**

Grantees must make every effort to accurately portray milestone dates in the original FA Scope of Work, since this will provide the basis for calculating any project delay. If milestone start and/or end dates change from those stated in the Original FA S

FA Milestones	Original FA Start Date in Scope of Work (Month/Year) a	Original FA End Date in Scope of Work (Month/Year) b	LACMTA Approved Changes (Months) c	LACMTA Approved Completion Schedule d=b+c	Actual Start Date (Month/Year)	Actual End Date (Month/Year)	Percent Completed By Time	Current Completion Forecast (Month/Year) e	Schedule Variance (Months) f=e-d
SOLICITATION (BID/PROPOSAL)									
Develop Solicitation Package									
Solicitation Response									
Evaluations									
Selection									
Board Approval									
Contract Award									
Fully Executed Contract									
PLANNING									
Prepare Concept Report									
Prepare Feasibility Study									
Prepare Project Study Report									
Intelligent Transportation									
Feasibility Study									
Concept Exploration									
OTHER: (Please specify)									
Preliminary Design									
Prepare Detailed Design Plans									
Prepare Detailed Construction									
Prepare Project Cost Estimate									
Intelligent Transportation									
Concept of Operations									
System Requirements									
High Level Design									
PA&ED									
Prepare Environmental									
Scoping									
Technical Studies									
Draft Environmental									
Final Environmental									
Community Outreach									
Secure Project Approval									
Intelligent Transportation									
Categorical Exemption									
OTHER: (Please specify)									
PS&E									
35% PS&E									
Preliminary Investigations									
Preliminary Foundation									
Geometric Drawings									
Bridge Type Selection									
ADL Review									
Utilities									
Right-of-Way									
Estimating									
Civic Design									
Structural Design									
Intelligent Transportation									
Detailed Design									
ITS Drawings									
System Plans									
Communications Plans									
Systems Integrations Plans									
Equipment Specifications									
Software Specifications									
Project Review & Comments									
65% PS&E									
Civil Design Plans									
Right-of-Way Engineering									
Structural Design									
Prepare Project Cost									
Intelligent Transportation									
Detailed Design									
ITS Drawings									
System Plans									
Communications Plans									
Systems Integrations Plans									
Equipment Specifications									
Software Specifications									
Project Review & Comments									



LACMTA
ATTACHMENT D-1
PROJECT TITLE:
MONTHLY PROGRESS REPORT

FA Milestones	Original FA Start Date in Scope of Work (Month/Year) a	Original FA End Date in Scope of Work (Month/Year) b	LACMTA Approved Changes (Months) c	LACMTA Approved Completion Schedule d=b+c	Actual Start Date (Month/Year)	Actual End Date (Month/Year)	Percent Completed By Time	Current Completion Forecast (Month/Year) e	Schedule Variance (Months) f=e-d
95% PS&E									
Civil Design Plans									
Structural Design									
Intelligent Transportation									
Detailed Design									
ITS Drawings									
System Plans									
Communications Plans									
Systems Integrations Plans									
Equipment Specifications									
Software Specifications									
Submittals & Reviews									
Submit Final PS&E									
Outside Agency Review									
OTHER: (Please specify)									
ROW									
Certification/Mapping									
Title Report									
Meet with Property Owners									
Appraisal									
Environmental Investigation									
Closing/Acquisition/Relocation									
Physical Possession									
Remediation									
Third Party Coordination									
UTILITY RELOCATION									
Third Party Coordination									
Design Utilities									
Relocate Utilities									
OTHER: (Please specify)									



LACMTA
ATTACHMENT D-1
PROJECT TITLE:
MONTHLY PROGRESS REPORT

FA Milestones	Original FA Start Date in Scope of Work (Month/Year) a	Original FA End Date in Scope of Work (Month/Year) b	LACMTA Approved Changes (Months) c	LACMTA Approved Completion Schedule d=b+c	Actual Start Date (Month/Year)	Actual End Date (Month/Year)	Percent Completed By Time	Current Completion Forecast (Month/Year) e	Schedule Variance (Months) f=e-d
CONSTRUCTION									
Solicitation (Bid/Proposal)									
Develop Solicitation Package									
Solicitation Response									
Evaluations									
Selection									
Board Approval Process									
Contract Award									
Fully Executed Contract									
Excavation									
Clear/Grub									
Survey									
Sample Borings									
Grading									
Compaction									
Drainage									
Environmental									
Hazardous Materials Handling									
Archaeological									
Air Quality Monitoring									
Concrete									
Form Work									
Rebar Placement									
Imbeds									
Testing									
Finishing									
Traffic Control									
TMP									
Structural									
False Work									
Iron Placement									
Pole Placement									
Utilities									
DWP									
SCE									
LADOT									
Materials									
Long-Lead Equipment									
Staging									
Material Lay Down Area									
Signage									
Electrical									
Power U/G Communications									
A/G Testing/Acceptance									
Landscape									
Clearing									
Planting									
Plant Establishment									
Irrigation									
Testing									
Change Orders									
P.O. Processing Time									
Weather									
Third Party Issues									
Strike Labor Walk Outs									
Force Majeure									
Claims									
Intelligent Transportation System									
Hardware / Software									
Equipment Installations									
Software Development									
Systems Integration									
Device Testing									
Subsystem Verification									
System Verification									
Final Systems Acceptance									
OTHER: (Please specify)									



LACMTA
ATTACHMENT D-1
PROJECT TITLE:
MONTHLY PROGRESS REPORT

2. PROJECT COMPLETION

Based on the comparison of the original and actual project milestone schedules above, project is (select only one):

- ☐ Ahead of original FA schedule
- ☐ On schedule per original FA schedule
- ☐ Between 12-24 months behind original schedule
- ☐ Less than 12 months behind original schedule
- ☐ More than 24 months behind original schedule

3. TASKS / MILESTONES ACCOMPLISHED

List tasks or milestones accomplished and progress made this month.

4. PROJECT DELAY

If project is delayed, describe reasons for delay (this month). Pay particular attention to schedule delays. If delay is for the same reason as mentioned in previous months, please indicated by writing "Same as Previous Month"

5. ACTION ITEMS TO RESOLVE DELAY

If the project is delayed (as described in #4), include action items that have been, or will be, undertaken to resolve the delay.

Issue(s)	Targeted Resolution/Response Date

6. COST SUMMARY

FA Milestones	Project Budget g	LACMTA Approved Changes h	Current Approved Budget i=g+h	Expenditures to Date j	Estimate At Completion k	Cost Variance l=k-i	Cost Variance	Percent Completed By Dollar Amount
PLANNING								
PA&ED								
PS&E								
ROW Support								
ROW								
CONSTRUCTION Support								
CONSTRUCTION								

7. RISK MANAGEMENT PLAN / PROJECT RISK REGISTER

This Risk Register shall include a listing of potential project risks. Identify project risks and provide a description of individual risk events or unplanned events that may occur and the estimated outcome or impact to project scope, cost and schedule; provide a qualitative assessment of risk potential; identify risk mitigation strategies; and provide recommendations or actions for responding to project risk. This section requires periodic updates as the project progresses and as risk events occur.

Risk Category	Risk Event	Risk Potential (Low/Medium/High)	Risk Mitigation Strategies	Action	Outcome
Environmental					
Planning					
Design					
ROW					
Construction					
Bid/Award					
Third Party					

I certify that I am the responsible Project Manager or fiscal officer and representative of _____ and that to the best of my knowledge and belief the information stated in this report is true and correct.

Signature

Date



LACMTA FA MEASURE R ATTACHMENT D-2 **QUARTERLY PROGRESS / EXPENSE REPORT**

Grantee To Complete	
Invoice #	
Invoice Date	
FA#	920000000MR
Quarterly Report #	

GRANTEES ARE REQUESTED TO EMAIL THIS REPORT TO
ACCOUNTSPAYABLE@METRO.NET

or submit by mail to:

Los Angeles County Metropolitan Transportation Authority

Accounts Payable

P. O. Box 512296

Los Angeles, California 90051-0296

after the close of each quarter, but no later than November 30, February 28,

May 31 and August 31. Please note that letters or other forms

of documentation may not be substituted for this form. Refer to the

Reporting and Expenditure Guidelines (Attachment C) for further information.

SECTION 1: QUARTERLY EXPENSE REPORT

Please itemize grant-related charges for this Quarter on Page 5 of this report and include totals in this Section.

	LACMTA Measure R Grant \$
Project Quarter Expenditure	
This Quarter Expenditure	
Retention Amount	
Net Invoice Amount (Less Retention)	
Project-to-Date Expenditure	
Funds Expended to Date (Include this Quarter)	
Total Project Budget	
% of Project Budget Expended to Date	
Balance Remaining	



SECTION 2: GENERAL INFORMATION

PROJECT TITLE: _____

FA #: _____

QUARTERLY REPORT SUBMITTED FOR:

Fiscal Year : ☐ 2014-2015 ☐ 2015-2016 ☐ 2016-2017
 ☐ 2017-2018 ☐ 2018-2019 ☐ 2019-2020

Quarter : ☐ Q1: Jul - Sep ☐ Q2: Oct - Dec
 ☐ Q3: Jan - Mar ☐ Q4: Apr - Jun

DATE SUBMITTED: _____

LACMTA MODAL CATEGORY:

☐ RSTI ☐ Pedestrian ☐ Signal Synchronization
☐ TDM ☐ Bicycle ☐ Goods Movement
☐ Transit

LACMTA Project Manager	Name:	
	Phone Number:	
	E-mail:	

Project Sponsor Contact / Project Manager	Contact Name:	
	Job Title:	
	Department:	
	City / Agency:	
	Mailing Address:	
	Phone Number:	
	E-mail:	



SECTION 3 : QUARTERLY PROGRESS REPORT**1. DELIVERABLES & MILESTONES**

List all deliverables and milestones as stated in the FA, with start and end dates. Calculate the total project duration. **DO NOT CHANGE THE ORIGINAL FA MILESTONE START AND END DATES SHOWN IN THE 2ND AND 3RD COLUMNS BELOW.**

Grantees must make every effort to accurately portray milestone dates in the original FA Scope of Work, since this will provide the basis for calculating any project delay. If milestone start and/or end dates change from those stated in the Original FA Scope of Work, indicate the new dates under Actual Schedule below and re-calculate the project duration. However, this does not change the original milestones in your FA. PER YOUR FA AGREEMENT, ANY CHANGES TO THE PROJECT SCHEDULE MUST BE FORMALLY SUBMITTED UNDER SEPARATE COVER TO LACMTA FOR WRITTEN CONCURRENCE.

FA Milestones	Original FA Schedule in Scope of Work		Actual Schedule	
	Start Date	End Date	Start Date	End Date
Environmental Clearance				
Design Bid & Award				
Design				
Right-of-Way Acquisition				
Construction Bid & Award				
Ground Breaking Event				
Construction				
Ribbon Cutting Event				
Total Project Duration (Months)				

2. PROJECT COMPLETION

A. Based on the comparison of the original and actual project milestone schedules above, project is (select only one) :

- ☐ On schedule per original FA schedule
 ☐ Less than 12 months behind original schedule
☐ Between 12-24 months behind original schedule
 ☐ More than 24 months behind original schedule

B. Was the project design started within 6 months of the date originally stated in the FA?

- ☐ Yes
 ☐ No
 ☐ Not Applicable

C. Was a construction contract or capital purchase executed within 9 months after completion of design / specifications?

- ☐ Yes
 ☐ No
 ☐ Not Applicable



3. TASKS / MILESTONES ACCOMPLISHED

List tasks or milestones accomplished and progress made this quarter.

4. PROJECT DELAY

If project is delayed, describe reasons for delay (this quarter). Pay particular attention to schedule delays. If delay is for the same reason as mentioned in previous quarters, please indicate by writing "Same as Previous Quarter".

5. ACTION ITEMS TO RESOLVE DELAY

If the project is delayed (as described in #4), include action items that have been, or will be, undertaken to resolve the delay.



SECTION 4: ITEMIZED LISTING OF EXPENSES AND CHARGES THIS QUARTER

All expenses and charges must be itemized and listed below. Each item listed must be verifiable by an invoice and/or other proper documentation. The total amounts shown here must be equal to this quarter's expenditures listed on page 1 of this report. All expenses and charges must be reflective of the approved budget and rates as shown in the FA Attachment B, Scope of Work. Use additional pages if needed.

ITEM		INVOICE #	TOTAL EXPENSES CHARGED TO LACMTA MEASURE R GRANT
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
TOTAL			

Note:

All receipts, invoices, and time sheets, attached and included with this Expense Report must be listed and shown under the Invoice Number column of the Itemized Listing (above).

Invoice Payment Information:

LACMTA will make all disbursements electronically unless an exception is requested in writing.

ACH Payments require that you complete an ACH Request Form and fax it to Accounts Payable at 213-922-6107.

ACH Request Forms can be found at www.metro.net/callforprojects.

Written exception requests for Check Payments should be completed and faxed to Accounts Payable at 213-922-6107.

I certify that I am the responsible Project Manager or fiscal officer and representative of _____
and that to the best of my knowledge and belief the information
stated in this report is true and correct.

Signature

Date

Name

Title



Los Angeles Metropolitan Transportation Authority

2015 Federal Transportation Improvement Program (\$000)

TIP ID **LA0G997**

Implementing Agency **Redondo Beach, City of**

Project Description: N18 - Intersection improvements on Inglewood Ave at Manhattan Beach Blvd. Feasibility analysis, plans, specifications, estimates, obtaining right of way, and construction of a right turn only lane on southbound Inglewood Ave at Manhattan Beach Blvd.

SCAG RTP Project #: 1AL04
Study: N/A Is Model: Model #:
PM: John Mata - (310) 318-0661
Email: john.mata@redondo.org
LS: N LS GROUP#:
Conformity Category: EXEMPT - 93.127
Completion Date 06/30/2017

System: Local Hwy Route: Postmile: Distance: Phase: Environmental Document/Pre-Design Phase (PAED)

Lane # Extd: Lane # Prop: Imprv Desc:

Air Basin: SCAB Envir Doc: CATEGORICALLY EXEMPT - 06/30/2014

Toll Rate: Toll Colc Loc: Toll Method: Hov acs eg loc:

Uza: Los Angeles-Long Beach-Santa Ana
CTIPS ID: EA #: PPNO:

Program Code: NCRH1 - INTERSECTION IMPROVEMENTS/CHANNELIZATION Stop Loc:

	PHASE	PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
	PE									
	RW									
	CON									
	SUBTOTAL									
Measure R	PE		\$125	\$185	\$0					\$310
	RW		\$0	\$0	\$3,000					\$3,000
	CON		\$0	\$0	\$1,865					\$1,865
	SUBTOTAL		\$125	\$185	\$4,865					\$5,175
	TOTAL		\$125	\$185	\$4,865					\$5,175
TOTAL PE: \$310			TOTAL RW: \$3,000			TOTAL CON: \$1,865				

- General Comment: New Project. Project is a I-605 Hot Spot Arterial Intersection.
- Modeling Comment:
- TCM Comment:
- Narrative: New Project

MR:

- Add funds in 14/15 in ENG for \$125
 - Add funds in 15/16 in ENG for \$185
 - Add funds in 16/17 in ROW for \$3,000, CON for \$1,865
- Total project cost \$5,175

Last Revised **Adoption 15-00 - SCAG PENDING**

Change reason: NEW PROJECT

Total Cost **\$5,175**



ATTACHMENT F SPECIAL GRANT CONDITIONS - Subregion

LACMTA has asked the South Bay Cities Council of Governments (SBCCOG) to provide program administration and project development and oversight over the Project in conjunction with LACMTA. In order to do so, the SBCCOG shall obtain a copy from LACMTA or through LACMTA's Project Database of each Monthly Progress Report (Attachment D1) and Quarterly Expenditure Report (Attachment D2) at the time Grantee submits the reports to LACMTA. The SBCCOG, through the Progress Reports, shall monitor progress of the Project schedule and budget and provide periodic reports to LACMTA on the status of the Project. The SBCCOG shall also monitor and report to LACMTA on overall program-level schedule and budget to identify and evaluate any problems that may result in Project delays or cost overruns.

The Monthly Progress Reports (Attachment D1) shall include, but are not limited to, Project progress, use of funds during the previous month, the milestones progress vs. costs, risk management plan, expenditures to date, funds committed and forecast at completion, updated Project schedule vs. Project baseline and identifying any major problems and proposed solutions. If a potential cost overrun is identified, the monthly report must detail the cost overrun and provide a recovery proposal.

The Quarterly Expenditure Reports (Attachment D2) provided by the Grantee to LACMTA shall be used by the SBCCOG for monitoring and reporting program expenditures to LACMTA.

For modifications that affect the terms of this FA, such as changes to project funding, scope or schedule, Grantee must obtain evidence of SBCCOG concurrence to modifications before formally requesting LACMTA for an amendment to this FA in writing.



ATTACHMENT G BOND REQUIREMENTS

The provisions of this Attachment G apply only if and to the extent some or all of the Funds are derived from LACMTA issued Bonds or other debt, the interest on which is tax exempt for federal tax purposes and/or Build America Bonds as defined in the American Reinvestment and Recovery Act of 2009 or similar types of bonds (collectively, the "Bonds").

GRANTEE acknowledges that some or all of the Funds may be derived from Bonds, the interest on which is tax-exempt for federal tax purposes or with respect to which LACMTA receives a Federal subsidy for a portion of the interest cost or the investor receives a tax credit. GRANTEE further acknowledges its understanding that the proceeds of the Bonds are subject to certain ongoing limitations relating to the use of the assets financed or provided with such proceeds ("Project Costs" or "Project Components") in the trade or business of any person or entity other than a governmental organization (any such use by a person or entity other than a governmental organization is referred to as "Private Use"). Private Use will include any sale, lease or other arrangement pursuant to which a nongovernmental person or entity receives a legal entitlement of a Project Component and also includes certain agreements pursuant to which a nongovernmental person will operate or manage a Project Component. Each quarterly invoice submitted by GRANTEE to reimburse prior expenditures (or to be received as an advance) shall provide information regarding the specific Project Costs or Project Components to which the Funds which pay that invoice will be allocated and whether there is or might be any Private Use associated with such Project Costs or Project Components. GRANTEE will, for the entire time over which LACMTA's Bonds or other debt remains outstanding, (1) notify and receive LACMTA's approval prior to entering into any arrangement which will or might result in Private Use and (2) maintain records, including obtaining records from contractors and subcontractors as necessary, of all allocations of Funds to Project Costs or Project Components and any Private Use of such Project Costs or Project Components in sufficient detail to comply and establish compliance with Section 141 of the Internal Revenue Code of 1986, as amended (the "Code"), or similar code provision then in effect and applicable, as determined by the LACMTA in consultation with its bond counsel.

GRANTEE will designate one or more persons that will be responsible for compliance with the obligations described in this Attachment G and notify LACMTA of such designations.

