

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

This Amendment No. 1 to the Funding Agreement (this "Amendment"), is dated as of November 2, 2020 by and between the City of Lancaster ("Grantee") and the Los Angeles County Metropolitan Transportation Authority ("LACMTA").

**RECITALS:**

- A. Grantee and LACMTA entered into that certain Funding Agreement No. 9200000FAMR33004, dated July 28, 2014, (the "Existing FA"), which Existing FA provides for the SR-138 (SR-14) Avenue J Interchange Project (the "Project"); and
- B. WHEREAS, the Grantee desires to increase the Project's budget of Measure R by \$11,274,943 from \$10,000,000 to \$21,274,943. This amount is within the Board authorized budget increase for the Project, the total new Project budget is \$21,274,943 which was approved by the LACMTA Board on June 25, 2020; and
- C. WHEREAS, the Funds are currently programmed for the Project as follows \$3,300,000 in Measure R Funds in Prior Years, \$6,700,000 in Measure R Funds in FY 2019-20, \$1,000,000 in Measure R Funds in FY 2020-21, \$8,000,000 in Measure R Funds in FY 2021-22 and \$2,274,943 in Measure R Funds in FY 2022-23. The total designated amount for the Project is \$21,274,943; and
- D. Grantee and LACMTA desire to amend the Existing FA as provided herein.

AGREEMENT:

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

1. Part I, Paragraph 2.2 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following: “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 \$21,274,943 (the “Funds”) for the Project. LACMTA Board of Directors actions on March 27, 2014 and June 25, 2020 granted the Measure R Funds for the Project. The Funds are currently programmed in Fiscal Years: \$3,300,000 in Prior Years; \$6,700,000 in FY 2019-20; \$1,000,000 in FY 2020-21; \$8,000,000 in FY 2021-22; and \$2,274,943 in FY 2022-23.”
2. 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 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 in Prior Years have been expended and are no longer available. All Funds programmed for FY2019-20 are subject to lapse by June 30, 2024.”
  - (viii) Expending the Funds granted under this FA for allowable costs within **three years or 36 months** July 1 of the Fiscal Year in which the Funds are programmed, unless otherwise stated in this FA. FY 2020-21 are subject to lapse by June 30, 2023. All Funds programmed for FY 2021-22 are subject to lapse by June 30, 2024. FY 2022-23 are subject to lapse by June 30, 2025.”
3. Attachment A of the Existing FA is hereby replaced by Attachment A-1, attached.
4. Attachment B-1 of the Existing FA is hereby replaced by Attachment B1-1, attached.
5. Attachment C of the Existing FA is hereby replaced by Attachment C-1, attached.
6. Attachment E – TIP Sheet of the Existing FA is hereby replaced by Attachment E-1, attached.
7. Except as expressly amended hereby, the Existing FA remains in full force and effect as originally executed. All rights and obligations of the parties under the Existing FA that are not expressly amended by this Amendment shall remain unchanged.

FTIP #: LA0G928  
Subregion ID: State Route 138 Capacity  
Enhancements

Project#: MR330.04  
Amendment No. 1  
FA# 9200000FAMR33004

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: \_\_\_\_\_

APPROVED AS TO FORM:

RODRIGO CASTRO-SILVA  
Acting County Counsel

By: \_\_\_\_\_  
Deputy 

Date: 12/10/2020

GRANTEE:

CITY OF LANCASTER

By: \_\_\_\_\_  
Jason Caudle  
City Manager

Date: \_\_\_\_\_

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Allison E. Burns  
City Attorney

Date: \_\_\_\_\_

**ATTACHMENT A-1 - PROJECT FUNDING**

Measure R Program - Funding Agreement Projects - FA# 9200000FAMR33004

Project Title: SR-138(SR-14) Avenue J Interchange      Project#: MR330.04

**PROGRAMMED BUDGET - SOURCES OF FUNDS**

SOURCES OF FUNDS		Prior Years	FY2019-20	FY2020-21	FY2021-22	FY2022-23	Total Budget	% of Budget
LACMTA PROGRAMMED FUNDING								
MEASURE R FUNDS		\$ 3,300,000	\$ 6,700,000	\$ 1,000,000	\$ 8,000,000	\$ 2,274,943	\$ 21,274,943	100%
LACMTA PROGRAMMED FUNDS BY YEAR SUBTOTAL	\$ -	\$ 3,300,000	\$ 6,700,000	\$ 1,000,000	\$ 8,000,000	\$ 2,274,943	\$ 21,274,943	100%
OTHER SOURCES OF FUNDING:								
							\$ -	0%
STATE:							\$ -	0%
FEDERAL:							\$ -	0%
PRIVATE OR OTHER:							\$ -	0%
OTHER FUNDING SUBTOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
TOTAL PROJECT FUNDS	\$ -	\$ 3,300,000	\$ 6,700,000	\$ 1,000,000	\$ 8,000,000	\$ 2,274,943	\$ 21,274,943	100%

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

Measure R Program - Funding Agreement Projects - FA# 9200000FAMR33004

Project Title: SR-138(SR-14)/Avenue J Interchange Project#: MR330.04

**PROGRAMMED SOURCES OF FUNDS**

SOURCES OF FUNDS	Prior Years	FY 2020-21 Qtr 1	FY 2020-21 Qtr 2	FY 2020-21 Qtr 3	FY 2020-21 Qtr 4	FY 2021-22 Qtr 1	FY 2021-22 Qtr 2	FY 2021-22 Qtr 3	TOTAL BUDGET
<b>LACMTA PROGRAMMED FUNDS:</b>									
<b>MEASURE R FUNDS PHASE I:</b>									
PAED	\$200,000								\$200,000
PS&E	\$300,000								\$300,000
RW Support									\$0
Const. Support				\$100,000	\$100,000	\$50,000			\$250,000
RW									\$0
Construction				\$1,400,000	\$1,400,000	\$1,200,000			\$4,000,000
<b>Total PHASE I</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,750,000</b>
<b>MEASURE R FUNDS PHASE II:</b>									
PAED	\$1,687,745								\$1,687,745
PS&E	\$1,915,358	\$100,000	\$150,000						\$2,165,358
RW Support		\$50,000							\$50,000
Const. Support						\$200,043	\$300,000	\$350,000	\$850,043
RW			\$350,000						\$350,000
Construction						\$1,550,000	\$3,700,000	\$4,150,000	\$9,400,000
<b>Total PHASE II</b>	<b>\$3,603,103</b>	<b>\$150,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,750,043</b>	<b>\$4,000,000</b>	<b>\$4,500,000</b>	<b>\$14,503,146</b>
<b>SUM PROG LACMTA FUNDS:</b>	<b>\$4,103,103</b>	<b>\$150,000</b>	<b>\$500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$3,000,043</b>	<b>\$4,000,000</b>	<b>\$4,500,000</b>	<b>\$19,253,146</b>
<b>OTHER NON LACMTA FUNDING:</b>									
<b>LOCAL:</b>									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
<b>Total LOCAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SUM NON-LACMTA FUNDS :</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT FUNDING FY20-21 and FY21-22</b>	<b>\$4,103,103</b>	<b>\$150,000</b>	<b>\$500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$3,000,043</b>	<b>\$4,000,000</b>	<b>\$4,500,000</b>	<b>\$19,253,146</b>
SOURCES OF FUNDS	FY 2021-22 Qtr 4	FY 2022-23 Qtr 1	FY 2022-23 Qtr 2	FY 2022-23 Qtr 3	FY 2022-23 Qtr 4	FY 2023-24 Qtr 1	FY 2023-24 Qtr 2	FY 2023-24 Qtr 3	TOTAL BUDGET
<b>LACMTA PROGRAMMED FUNDS:</b>									
<b>MEASURE R FUNDS PHASE I:</b>									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
<b>Total PHASE I</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>MEASURE R FUNDS PHASE II:</b>									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support	\$171,797								\$171,797
RW									\$0
Construction	\$1,850,000								\$1,850,000
<b>Total PHASE II</b>	<b>\$2,021,797</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,021,797</b>
<b>SUM PROG LACMTA FUNDS:</b>	<b>\$2,021,797</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,021,797</b>
<b>OTHER NON LACMTA FUNDING:</b>									
<b>LOCAL:</b>									
PAED									\$0
PS&E									\$0
RW Support									\$0
Const. Support									\$0
RW									\$0
Construction									\$0
<b>Total LOCAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SUM NON-LACMTA FUNDS :</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT FUNDING FY21-22, FY22-23 and FY23-24</b>	<b>\$2,021,797</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,021,797</b>
<b>SUMMARY OF ALL FUNDS</b>									
PAED	\$1,887,745	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,887,745
PS&E	\$2,215,358	\$100,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$2,465,358
RW Support	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Const. Support	\$171,797	\$0	\$0	\$100,000	\$100,000	\$250,043	\$300,000	\$350,000	\$1,271,840
RW	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Construction	\$1,850,000	\$0	\$0	\$1,400,000	\$1,400,000	\$2,750,000	\$3,700,000	\$4,150,000	\$15,250,000
<b>TOTAL MILESTONES</b>	<b>\$6,124,900</b>	<b>\$150,000</b>	<b>\$500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$3,000,043</b>	<b>\$4,000,000</b>	<b>\$4,500,000</b>	<b>\$21,274,943</b>
<b>SUM PROG LACMTA FUNDS</b>	<b>\$6,124,900</b>	<b>\$150,000</b>	<b>\$500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$3,000,043</b>	<b>\$4,000,000</b>	<b>\$4,500,000</b>	<b>\$21,274,943</b>
<b>SUM NON-LACMTA FUNDS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL PROJECT FUNDING</b>	<b>\$6,124,900</b>	<b>\$150,000</b>	<b>\$500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$3,000,043</b>	<b>\$4,000,000</b>	<b>\$4,500,000</b>	<b>\$21,274,943</b>

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

### **PROJECT TITLE:**

SR-138(SR-14) Avenue J Interchange

### **PROJECT LOCATION:**

The project is located in the City of Lancaster, at the Avenue J/SR138 (SR-14) interchange and surrounding area.

### **PROJECT LIMITS:**

This project limits are on the SR138 (SR-14) between Lancaster Boulevard and Avenue J-8, on Avenue J between 15<sup>th</sup> Street West and 25<sup>th</sup> Street West, on 20<sup>th</sup> street West from Avenue J to Avenue J-8, and on 22<sup>nd</sup> Street West from Avenue J to Avenue J-4.

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

The purpose of this project is to improve operational capacity at the interchange and surrounding local streets eliminating congestion, while improving wayfinding and other context sensitive solutions.

### **PROJECT BACKGROUND:**

The City of Lancaster has realized the need to improve the operational capacity of this interchange. It is a priority for the City of Lancaster, due to the Avenue J commercial/retail corridor, historic downtown Lancaster ("The Blvd"), and medical corridor (future Medical District) that it serves, however funding has never been available. Funding made available through the Measure R SR-138 Capacity Enhancements will improve the interchange, improve mobility between the freeway and local streets and enhance safety.

Metro executed a Funding Agreement for the project on November 13, 2014. The City of Lancaster completed the PSR(PDS) in November 2016, completed the PA&ED in September 19, 2019 and is currently completing the PS&E for the project and construction is scheduled to begin in early 2021. Current estimates for the proposed improvements are higher than the original budget. The Board approved the reallocation of funds in June 2020. The City of Lancaster is proposing to supplement the current funding with a portion of the SR-14/I-5 surplus funds originally allocated to the Avenue M interchange. With the SR-14/I-15 surplus funds the project will be fully funded through construction.

To expedite the construction start, the City split the project into two phases. Phase 1 is the local roadway component that can be completed ahead of the Phase 2 Caltrans portion of the project. The design for the local portion is complete and the City advertised phase 1 in September 2020. The phase 2 project is scheduled to advertised in the summer of 2021.

**PROJECT BUDGET PHASE I:**

COMPONENT	AMOUNT
PA/ED (Complete)	\$200,000
PS and E	\$300,000
R/W Support	\$0
R/W Capital	\$0
Construction Support	\$250,000
Construction Capital	<u>\$4,000,000</u>
Total Budget	\$4,750,000

**PROJECT BUDGET PHASE II:**

COMPONENT	AMOUNT
PA/ED (Complete)	\$1,687,745
PS and E	\$2,165,358
R/W Support	\$50,000
R/W Capital	\$350,000
Construction Support	\$1,021,840
Construction Capital	<u>\$11,250,000</u>
Total Budget	\$16,524,943

**SCOPE PHASE I:**

The Phase I improvements were accelerated to initiate construction on the Local Roadway portion of the project without waiting for final approvals from Caltrans on the Caltrans freeway portion of the project. This has allowed the construction of the project to begin sooner and help the completion of the entire project.

The Local roadway project includes mobility enhancements along Avenue J on both sides of the freeway, between 15<sup>th</sup> Street West and 25<sup>th</sup> Street West by adding buffered bike lanes in both directions along with pedestrian facility upgrades. The improvements include revisions to medians and channelization at the intersections and restriping the roadway, which requires upgrades to the median hardscape improvements with minimal landscaping. These improvements can be completed prior to the Caltrans portion of the project and will reduce the overall time of the construction duration of the Caltrans portion.

**Project Management and Preparation of Periodic Updated Schedule, Deliverables and Meetings**

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

- A. Meet as needed to accomplish Project tasks as outlined. Meetings expected between the Consultant and City to coordinate construction of the improvements.

- 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.

**CONSTRUCTION:**

Grantee expects to provide construction oversight, procure a consultant for construction management support, award a contract for construction and to perform the following tasks:

- A. Conduct a “Groundbreaking” 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 Grantee to accomplish Project tasks as outlined. Meetings expected between the Consultant and Grantee shall include, but not be limited to, Pre-Construction Meeting, progress meetings and preparation of responses to RFIs.

**SCOPE PHASE II:**

The Project will improve the SR-138 (SR-14) Freeway/Avenue J interchange by adding new southbound onramp and northbound offramp, reconfiguring and signalizing the ramp intersections, SR-138 (SR-14) mainline improvements to accommodate ramp additions, as well as other enhancements to alleviate congestion at the intersections adjacent to the interchange. With the addition of the new SB onramp and NB offramp at Avenue J, the SB onramp at J-8 will be removed and the NB offramp at 20<sup>th</sup> Street West will be improved, including the intersection with 20<sup>th</sup> Street West. Minor drainage improvements are also included with the ramp and intersection improvements. The project includes water quality BMP's and aesthetic treatment to provide context sensitive solutions within the interchange area to meet Caltrans corridor aesthetic requirements. The proposed improvements require the following:

**DESIGN:**

**I. Final Design – Plans, Specifications and Estimates**

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

- A. Final design and preparation of final Plans, Specifications and Estimate (PS&E)

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



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

- C. Meet as needed with the City and Caltrans to accomplish Project tasks as outlined. Meetings expected between the Consultant, Caltrans and City to coordinate final design approvals.
- D. 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:**

**Right-of-Way Support and Right-of-Way Capital**

Right-of-Way Support:

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

- 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.
- 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.

Right-of-Way Capital:

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

- 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:**

Grantee expects to provide construction oversight, procure a consultant for construction management support, award a contract for construction and to perform the following tasks:

- E. Conduct a "Groundbreaking" ceremony for the project.

- F.** Contract with a separate engineering firm to provide Construction Management for the Project. This will be accomplished through an RFP.
- G.** Contract with a Contractor for construction.
- H.** Conduct a “Ribbon Cutting” ceremony at the completion of the Project.

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

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

	START DATE	COMPLETION DATE
<b>PLANNING</b>		
Prepare Concept Report		
Prepare Feasibility Study		
Prepare Project Study Report	June 2015	November 2016
<b>Intelligent Transportation System (ITS)</b>		
Feasibility Study		
Concept Exploration		
<b>PRELIMINARY DESIGN</b>		
Prepare Detailed Design Plans		
Prepare Detailed Construction Plans		
Prepare Project Cost Estimate		
<b>Intelligent Transportation System (ITS)</b>		
Concept of Operations		
System Requirements		
High Level Design		
<b>PA&amp;ED</b>		
Prepare Environmental Document		
Document Type		
Scoping		
Technical Studies		
Draft Environmental Document	June 2016	September 2018
Final Environmental Document	September 2018	September 2019
Community Outreach		
Secure Project Approval		
<b>Intelligent Transportation System (ITS)</b>		
Categorical Exemption Filing		
<b>PS&amp;E</b>	September 2018	August 2020

Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
Civic Design		
Structural Design		
<b>Intelligent Transportation System (ITS)</b>		

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

	START DATE	COMPLETION DATE
<b>SOLICITATION (BID/PROPOSAL)</b>		
Develop Solicitation Package #1	August 2020	September 2020
Evaluations		
Selection		
Board Approval Process		
Contract Award Package #1		December 2020
<b>EXCAVATION</b>		
Clear/Grub		
Survey		
Sample Borings		
Grading		
Compaction		
Drainage		
<b>ENVIRONMENTAL</b>		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
<b>CONCRETE</b>		
Form Work		
Rebar Placement		
Pole Placement		
<b>TRAFFIC CONTROL</b>		
TMP		
<b>STRUCTURAL</b>		
False Work		
Iron Placement		
Pole Placement		

	START DATE	COMPLETION DATE
<b>LANDSCAPE</b>		
Clearing		
Planting		
Plant Establishment		
Irrigation		
Testing		
<b>CONSTRUCTION</b>		
Construction Package #1	January 2021	June 2021
Project Closes Out		October 2022

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

	START DATE	COMPLETION DATE
<b>PLANNING</b>		
Prepare Concept Report		
Prepare Feasibility Study		
Prepare Project Study Report	June 2015	November 2016
<b>Intelligent Transportation System (ITS)</b>		
Feasibility Study		
Concept Exploration		
<b>PRELIMINARY DESIGN</b>		
Prepare Detailed Design Plans		
Prepare Detailed Construction Plans		
Prepare Project Cost Estimate		
<b>Intelligent Transportation System (ITS)</b>		
Concept of Operations		
System Requirements		
High Level Design		
<b>PA&amp;ED</b>		
Prepare Environmental Document Document Type		
Scoping		
Technical Studies		
Draft Environmental Document	June 2016	September 2018
Final Environmental Document	September 2018	September 2019
Community Outreach		
Secure Project Approval		
<b>Intelligent Transportation System (ITS)</b>		
Categorical Exemption Filing		
<b>PS&amp;E</b>	September 2018	April 2021
<b>95% PS&amp;E Package #2</b>	May 2020	November 2020
<b>100% PS&amp;E Package #2</b>	January 2021	May 2021
Preliminary Foundation		
Geometric Drawings		
Bridge Type Selection Roadway and Retrofit Strategy		
Civic Design		
Structural Design		

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

	START DATE	COMPLETION DATE
<b>SOLICITATION (BID/PROPOSAL)</b>		
Develop Solicitation Package #2	May 2021	June 2021
Evaluations		
Selection		
Board Approval Process		
Contract Award Package #2		July 2021
<b>EXCAVATION</b>		
Clear/Grub		
Survey		
Sample Borings		
Grading		
Compaction		
Drainage		
<b>ENVIRONMENTAL</b>		
Hazardous Materials Handling		
Archaeological		
Air Quality Monitoring		
<b>CONCRETE</b>		
Form Work		
Rebar Placement		
Pole Placement		
<b>TRAFFIC CONTROL</b>		
TMP		
<b>STRUCTURAL</b>		
False Work		
Iron Placement		
Pole Placement		

	START DATE	COMPLETION DATE
<b>LANDSCAPE</b>		
Clearing		
Planting		
Plant Establishment		
Irrigation		
Testing		
Construction Package #2	July 2021	June 2022
Project Closes Out (Phase 1 and Phase 2)		October2022



### ATTACHMENT C – Location Map(s)

