

# BEFORE THE BOARD OF SUPERVISORS COUNTY OF TULARE, STATE OF CALIFORNIA

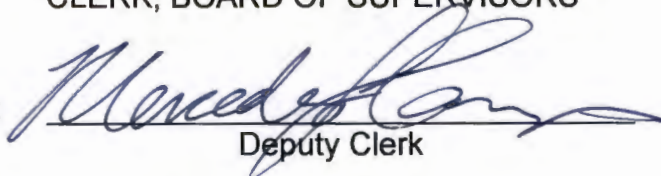
IN THE MATTER OF MEASURE R )  
PROGRAM SUPPLEMENT AGREEMENT ) Resolution No. 2019-0236  
WITH THE TULARE COUNTY ) Agreement No. 29086  
ASSOCIATION OF GOVERNMENTS FOR )  
THE UNDER 20-FOOT BRIDGE )  
PREVENTIVE MAINTENANCE PROGRAM )

UPON MOTION OF SUPERVISOR SHUKLIAN, SECONDED BY SUPERVISOR VALERO, THE FOLLOWING WAS ADOPTED BY THE BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD APRIL 2, 2019, BY THE FOLLOWING VOTE:

AYES: SUPERVISORS CROCKER, VANDER POEL, SHUKLIAN, VALERO AND TOWNSEND  
NOES: NONE  
ABSTAIN: NONE  
ABSENT: NONE



ATTEST: JASON T. BRITT  
COUNTY ADMINISTRATIVE OFFICER/  
CLERK, BOARD OF SUPERVISORS

BY:   
Deputy Clerk

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1. Approved the Measure R Program Supplement for Development and Establishment of the Under 20-foot Bridge Preventive Maintenance Program in the amount of \$250,000; and
2. Authorized the Chairman of the Board of Supervisors to sign the Measure R Program Supplement on behalf of Tulare County.

RMA

04/02/2019  
ML



**Resource Management  
Agency  
COUNTY OF TULARE  
AGENDA ITEM**

**BOARD OF SUPERVISORS**

KUYLER CROCKER  
District One  
PETE VANDER POEL  
District Two  
AMY SHUKLIAN  
District Three  
EDDIE VALERO  
District Four  
DENNIS TOWNSEND  
District Five

**AGENDA DATE:** April 2, 2019

Public Hearing Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Published Notice Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Advertised Published Notice	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Meet & Confer Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Personnel Resolution attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
CONTACT PERSON: Celeste Perez    PHONE: 559-624-7010				

**SUBJECT:** Measure R Program Supplement Agreement with the Tulare County Association of Governments for the Under 20-foot Bridge Preventive Maintenance Program

**REQUEST(S):**  
That the Board of Supervisors:

1. Approve the Measure R Program Supplement for Development and Establishment of the Under 20-foot Bridge Preventive Maintenance Program in the amount of \$250,000; and
2. Authorize the Chairman of the Board of Supervisors to sign the Measure R Program Supplement on behalf of Tulare County.

**SUMMARY:**  
Tulare County RMA proposes to develop an Under 20-foot Bridge Preventive Maintenance Program (BPMP) for bridges less than 20-feet in total length. Any bridges, including culverts and pipe crossings with a total length less than 20-feet, do not qualify for federal funding or state inspection. Tulare County is therefore fully responsible for the inspection, management and maintenance of all under 20-foot structures within its right-of-way, including performing all necessary rehabilitation or replacement work.

Tulare County has previously never established an official inventory of under 20-foot structures however based on staff projections, up to 1,500 structures may be in use across the County. The goal of the proposed under 20-foot BPMP is to establish a comprehensive bridge inventory, develop a routine procedure to document all necessary preventive maintenance bridge work, select a maintenance management



**SUBJECT:** Measure R Program Supplement Agreement with the Tulare County Association of Governments for the Under 20-foot Bridge Preventive Maintenance Program  
**DATE:** April 2, 2019

system used to prioritize the items of work, and establish stand-alone projects should any structures need to be replaced in lieu of receiving general preventive maintenance.

This program will not only allow staff to monitor and track the County's under 20-foot bridge inventory, but it will extend the life of structures considered to be in generally good condition. By implementing preventive maintenance measures such as protective deck treatments or scour countermeasures, the service life of these structures may be extended before major, costly rehabilitation or repair is required.

The initial priority list of preventive maintenance, will include a scope of work, cost and schedule to implement the work. To establish an initial inventory of under 20-foot bridges, County staff will drive the entire County road system, providing GPS locations, taking photos, inspecting and identifying all require maintenance for any under 20-foot structure inventoried. Results of the inspection will be documented in the form of a Computerized Maintenance Management System where all preventive maintenance will be prioritized based on several factors including but not limited to:

- Average Daily Traffic (ADT)
- Severity of deficiency (e.g. structural failure vs. cosmetic concrete patching)
- Type of bridge (e.g. timber vs. concrete)
- Accident or incident history

County staff has estimated that it can establish the program and prepare a priority list of preventive maintenance for approximately \$250,000. TCAG has agreed to fund 100% of the cost to develop the under 20-foot BPMP. The cost to design and implement (construct) the items of work recommended by the Under 20-foot BPMP, will not be covered by this agreement and supplemental funding will be required.

**FISCAL IMPACT/FINANCING:**

No Net County Cost.

County Road Funds will be used to fund the development of the Under 20-foot Bridge Preventive Maintenance Program, but will be fully reimbursed through local Measure R funds in the amount of \$250,000 (100% reimbursement ratio).

**LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:**

This project will enhance the safety and security of the public by improving the transportation infrastructure for both the general population in the region and the motorists using this facility.

**SUBJECT:** Measure R Program Supplement Agreement with the Tulare County Association of Governments for the Under 20-foot Bridge Preventive Maintenance Program

**DATE:** April 2, 2019

**ADMINISTRATIVE SIGN-OFF:**



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Reed Schenke, P.E.  
Director

cc: County Administrative Office

Attachment(s) Attachment A – Measure R Program Supplement Agreement

**Attachment A**  
Measure R Program  
Supplement Agreement

## MEASURE R PROGRAM SUPPLEMENT TO COOPERATIVE AGREEMENT

AUTHORITY Agreement No. \_\_\_\_\_

This Program Supplement is made and entered into on \_\_\_\_\_, by and between the County of Tulare (SPONSOR) and the Tulare County Association of Governments, acting as the Local Transportation AUTHORITY (AUTHORITY).

This Program Supplement hereby incorporates the "Measure R Cooperative Agreement" for Measure R Expenditures which was entered into between the SPONSOR and AUTHORITY on May 22, 2007 and is subject to all terms and conditions thereof.

This Program Supplement is executed under authority of Resolution No. \_\_\_\_\_, dated \_\_\_\_\_.

This Program Supplement is sought in order to fund the Bridge Preventive Maintenance Program for all bridges, including small culverts and pipe crossings, under 20-feet in length. The project cost to the AUTHORITY for this agreement is not to exceed \$250,000.

Project scope, costs and schedule are incorporated herein as Attachment "A" and agreed upon by SPONSOR and AUTHORITY for Project: Under 20-foot Bridge Preventive Maintenance Program.

### **Covenants of SPONSOR**

- 1.1 This Program Supplemental agrees that it will only proceed with work authorized for specific phase(s) with written "Authorization to Proceed" or AUTHORITY action and will not proceed with future phase(s) of this project(s) prior to receiving a written "Authorization to Proceed" or AUTHORITY Action.
- 1.2 The SPONSOR will advertise, award, and administer the project(s) in accordance with SPONSOR standards.
- 1.3 Award information shall be submitted by the SPONSOR to the AUTHORITY within 60 days after the project contract award.
- 1.4 Failure to submit award information in accordance with section 1.3 will cause a delay (without interest or penalties) in AUTHORITY processing invoices for the construction phase.
- 1.5 If no costs have been invoiced for a six month period, SPONSOR agrees to submit for each phase a written explanation of the absence of project(s) activity along with target billing date and target billing amount.

Tulare County Agreement No. \_\_\_\_\_

IN WITNESS WHEREOF, the undersigned parties have executed this Supplemental Agreement on the day and year first written above.

COUNTY OF TULARE  
TRANSPORTATION AUTHORITY

ATTEST: Authority Finance Manager

By: \_\_\_\_\_  
Authority Director

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

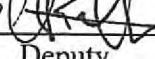
COUNTY OF TULARE

ATTEST: JASON T. BRITT  
County Administrative Officer/Clerk  
of the Board of Supervisors

By: \_\_\_\_\_  
Chairman  
Tulare County Board of Supervisors

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

APPROVED AS TO FORM  
COUNTY COUNSEL

By:  \_\_\_\_\_ 2019570  
Deputy 3/19/19

Tulare County Agreement No. \_\_\_\_\_

# MEASURE R PROGRAM SUPPLEMENT TO COOPERATIVE AGREEMENT

AUTHORITY Agreement No. \_\_\_\_\_

## Attachment A

Project Name: Under 20-foot Bridge Preventive Maintenance Program

### **Project Scope**

The scope of work for this project includes the development of a Bridge Preventive Maintenance Program (BPMP) for all bridges throughout Tulare County measuring less than 20-feet in total length. Through this agreement, Tulare County will inventory all bridges by performing field inspections and gathering data from each bridge location. The County will also establish a routine procedure to document, track and prioritize all bridge preventive maintenance similar to the Over-20 foot BPMP previously developed. Upon establishing the Under 20-foot BPMP, separate agreements with outside consultants and contractors may be needed to perform all engineering analysis and construction. Note that all engineering analysis and construction needed to design and implement maintenance recommended by the Under 20-foot BPMP, will not be funded by this agreement, and supplemental funding will be required.

### **Project Schedule**

It is anticipated it will take County staff 6 months to develop a data inventory collection process, 8 months to collect all bridge data via site inspections and 6 months to compile, organize and establish the proposed Under 20-foot BPMP.

Based on the schedule described above, it is anticipated the Under 20-ft BPMP will be established by November of 2020. Preliminary Engineering (PE) and Right-of-Way (RW) is anticipated to start at the beginning of 2021. The PE and RW phases of the project will take approximately 2-3 years to complete depending on project constraints and requirements. Construction needed to implement all recommended preventive maintenance could take approximately 5 years to complete.

Tulare County Agreement No. \_\_\_\_\_



**Sources and Use of Funds**

<b>Under 20-ft BPMP</b>	<b>Measure R Funds</b>	<b>Total Funds</b>
Develop and Establish BPMP	\$250,000	\$250,000
<b>Total</b>	<b>\$250,000</b>	<b>\$250,000</b>

Note that Preliminary Engineering, Right-of-Way and Construction costs are not shown. RMA staff will provide estimates of all costs once a thorough inventory of required work items for all County bridges, culverts and pipe crossings is established. As previously noted, the costs to design and implement (construct) the items of work recommended by the Under 20-foot BPMP, is not covered by this agreement and supplemental funding will be required.