



**RESOURCE
MANAGEMENT AGENCY
COUNTY OF TULARE
AGENDA ITEM**

BOARD OF SUPERVISORS

ALLEN ISHIDA
District One
PETE VANDER POEL
District Two
PHILLIP A. COX
District Three
J. STEVEN WORTHLEY
District Four
MIKE ENNIS
District Five

AGENDA DATE: September 17, 2013

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 with the Tulare County Transportation Authority for the Bridge Preventive Maintenance Program

REQUEST(S):
That the Board of Supervisors:

1. Approve a Measure R Program Supplement Agreement with the Tulare County Transportation Authority in the amount of \$18,008 for funding of the Bridge Preventive Maintenance Program; and
2. Authorize the Chairman of the Board of Supervisors to sign the Measure R Program Supplement Agreement.

SUMMARY:
Tulare County recently received (July 2013) federal authorization to proceed with development of a "Bridge Preventive Maintenance Program," in accordance with the "Bridge Preventive Maintenance Program Guidelines for Local Agencies" issued by the California Department of Transportation in February of 2006. The County of Tulare is currently responsible for the maintenance of 354 bridges, of which 40 of the bridges currently qualify for replacement or rehabilitation funding through the Federal Highway Bridge Program. The remaining 314 bridges are to be included in the "Bridge Preventive Maintenance Program." The purpose of the program is to extend the service life of these bridges that are considered to be in generally good condition, by implementing preventive maintenance measures, such as protective deck treatments, that will extend the service life of the bridge before a major, and costly, rehabilitation or repair is required.

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DATE: September 17, 2013

The first step in the program is to establish a priority list that includes the scope of work, cost and schedule to implement the preventive maintenance work for each of the bridges. In order to establish the priority list, County staff will review the bridge inspection reports prepared by Caltrans for each of the bridges and perform a field review/site visit to identify the maintenance measures required for each bridge. The results of the review will be documented in the form of a spreadsheet, that will prioritize the bridges based on criteria provided in the "Bridge Preventive Maintenance Program Guidelines for Local Agencies" issued by Caltrans. The spreadsheet will also describe the scope of work (i.e. deck treatment, scour counter measures, joint seal replacement, etc.), cost estimate, and schedule for implementation for each bridge. County staff has estimated that it can prepare the priority list and establish the program for a cost of \$500 per bridge, or \$157,000 total. The Highway Bridge Program (HBP) will fund this work at a reimbursement ratio of 88.53%, in the amount \$138,992. The remaining 11.47% local match is to be funded by this Measure R program supplement in the amount of \$18,008.

Once the program is established, County staff estimates that it will cost about \$30 million to design and construct the preventive maintenance measures for the approximately 300 bridges that will be in the program, over the course of about 10 years, for a cost of approximately \$3 million per year. Federal funds from the Highway Bridge Program will be used to fund the implementation of the program (design and construction phases), and Measure R will fund the 11.47% required local match. The local match will amount to approximately \$3.44 million total, or approximately \$344,000 per year after the priority list is established as discussed above.

On October 15, 2012, the Tulare County Transportation Authority approved Amendment No. 4 to the 2012 Measure R Strategic Work Plan, authorizing \$19,000 of Measure R funds to the "Bridge Preventive Maintenance Program" and \$344,000 per year for ten years (\$3.4 million) to the implementation of the Bridge Preventive Maintenance Program. County staff anticipates that with this amount of funding, preventive maintenance measures will be implemented on 25 to 35 bridges per year.

FISCAL IMPACT/FINANCING:

There is no net cost to the County General Fund.

Federal Highway Bridge Program funds in the amount of \$138,992 and Measure R funds in the amount of \$18,008 will be used for the development of the "Bridge Preventive Maintenance Program." The Measure R funds will cover the 11.47% non-federal local match required to be eligible for the federal funds.

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 these facilities.

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ADMINISTRATIVE SIGN-OFF:

Britt L. Fussel Digitally signed by Britt L. Fussel
DN: cn=Britt L. Fussel, o, ou=RMA,
email=bfussel@co.tulare.ca.us,
c=US
Date: 2013.08.29 15:44:00 -07'00' 8/29/13

Britt L. Fussel, P.E. Date
Assistant Director—Public Works
County Surveyor

BLF:klm:br

Cc: Auditor-Controller
County Counsel
County Administrative Office (2)

Attachment(s) Attachment A - Measure R Program Supplement

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

IN THE MATTER OF MEASURE R)
PROGRAM SUPPLEMENT WITH THE) Resolution No. _____
TULARE COUNTY TRANSPORTATION) Agreement No. _____
AUTHORITY FOR THE BRIDGE)
PREVENTIVE MAINTENANCE PROGRAM)

UPON MOTION OF SUPERVISOR _____, SECONDED BY
SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE BOARD
OF SUPERVISORS, AT AN OFFICIAL MEETING HELD SEPTEMBER 17, 2013, BY
THE FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: JEAN M. ROUSSEAU
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

1. Approved a Measure R Program Supplement Agreement with the Tulare County Transportation Authority in the amount of \$18,008 for funding of the Bridge Preventive Maintenance Program; and
2. Authorized the Chairman of the Board of Supervisors to sign the Measure R Program Supplement Agreement.

ATTACHMENT A

Measure R Program Supplement

**MEASURE R PROGRAM SUPPLEMENT TO
COOPERATIVE AGREEMENT**

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" Tulare County Agreement No. 23149, which was entered into between the Sponsor and the Authority on May 22, 2007 and is subject to all terms and conditions thereof. The Sponsor approved the Supplemental Agreement on _____, under authority of the Resolution No. _____ . (See copy attached)

This Program Supplement is sought in order to fund the local match portion for the development of the Bridge Preventive Maintenance Program. The project cost to the Authority for this agreement is not to exceed \$18,008.

Covenants of Sponsor

1.1. This Program Supplement shall not exceed \$18,008. Project scope, schedule and costs are incorporated herein as Attachment "A" and agreed upon by Sponsor and Authority. SPONSOR agrees that it will only proceed with work authorized for the development of the Bridge Preventive Maintenance Program with a written "Authorization to Proceed" or Authority action and will not proceed with future phase(s) of this project(s) prior to entering into a Program Supplement for those phases.

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.

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Tulare County Agreement NO. _____

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

Tulare County Association of
Governments/Local Transportation Authority

ATTEST: Secretary/Clerk
Tulare County Association of
Government/Local Transportation
Authority

By: _____
Executive Director

By: _____

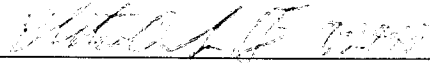
COUNTY OF TULARE

ATTEST: JEAN M. ROUSSEAU
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: 
Deputy

Attachment A

Project Scope: Development of Bridge Preventive Maintenance Program

The scope of work for this phase of the program is to establish a priority list that includes the scope of work, cost and schedule to implement preventive maintenance work for approximately 314 bridges throughout the County. In order to establish the priority list, County staff will review the bridge inspection reports prepared by Caltrans for each of the bridges and perform a field review/site visit to identify the maintenance measures required for each bridge. The results of the review will be documented in the form of a spreadsheet, that will prioritize the bridges based on criteria provided in the "Bridge Preventive Maintenance Program Guidelines for Local Agencies" issued by Caltrans. The spreadsheet will also describe the scope of work (i.e. deck treatment, scour countermeasures, joint seal replacement, etc.), cost estimate, and schedule for implementation of preventive maintenance for each bridge. Implementation of the preventive maintenance work will be funded through a separate program supplement agreement.

Schedule:

Development of the "Bridge Preventive Maintenance Program" (BPMP) will begin in September of 2013 and is expected to be complete by December of 2014. Implementation of the BPMP will begin after the program is accepted by Caltrans, anticipated to be by the summer of 2015. It is anticipated that implementation of the program will take approximately 10 years.

Cost:

Phase	Federal Funds	Measure R Funds	Total Funds
Development of BPMP	\$138,992	\$18,008	\$157,000
Implementation of BPMP	\$26,560,000	\$3,440,000	\$30,000,000
		Total	\$30,157,000