



TOWN OF APPLE VALLEY

TOWN COUNCIL STAFF REPORT

To: Honorable Mayor and Town Council **Date:** August 8, 2017
From: Brad Miller, Town Engineer **Item No:** 9
 Engineering Department
Subject: AWARD PHASE III FOR THE REHABILITATION AND WIDENING OF THE BEAR
 VALLEY ROAD BRIDGE OVER THE MOJAVE RIVER

T.M. Approval: _____ **Budgeted Item:** Yes No N/A

RECOMMENDED ACTION:

That the Town Council continue the contract with Dokken Engineering for engineering services for the Bear Valley Road Bridge Over Mojave River Rehabilitation and Widening Services, Phase III in an amount not to exceed \$1,097,986.84, subject to "Approval as to Form" by the Town Attorney and "Approval as to Content" by the Town Manager.

SUMMARY:

On March 11, 2014, Town Council awarded Dokken Engineering a contract for engineering services for the Bear Valley Road Bridge Over Mojave River Rehabilitation and Widening Services Phase I, with a provision that the contract may be continued for Phases II and III as the necessary Federal and/or State funding becomes secured. On June 14, 2016, Town Council authorized the continuation of this contract into Phase II.

On July 14, 2017, the Town received authorization to proceed with additional Highway Bridge Replacement and Rehabilitation Program (HBRRP) funds from Caltrans for an amount not to exceed \$1,618,000 the Engineering Department recommends that the contract with Dokken Engineering be continued through Phase III of this project, at a total not to exceed \$1,097,986.84.

The contract phases are as follows:

- Phase I – Bridge Condition Analysis and Evaluation, (Completed);
- Phase II – Project Approval and Environmental Document (Approved by Council June 14, 2016);
- Phase III – Final Design, (current request for authorization to continue the contract).

The Dokken contract total is \$2,130,397.84.

Included in the Scope of Work is a provision that work will not proceed to the next phase until previous phase work has been successfully completed and approved by Caltrans, and the Town has secured the necessary Federal and/or State funding.

BACKGROUND:

A Caltrans Bridge Inspection Report dated January 12, 2010, found the Bear Valley Road Bridge to be structurally deficient (deck, joints and foundation) and functionally obsolete (lanes too narrow and non-existing shoulders). As a result of this report, the Town of Apple Valley issued a Request For Proposals (RFP) to provide engineering services for the Bear Valley Road Bridge Over Mojave River Rehabilitation Project. Work for this project generally consists of bridge condition analysis, environmental engineering studies, obtaining the proper environmental permits, designing a construction plan(s), preparing specifications and engineer's estimates (PS&E) for the Town to bid and select a contractor for the rehabilitation and widening of the bridge. The widening will upgrade the existing bridge to six standard width lanes, with shoulders and a median, two sidewalks and a Class 1 bikeway along the North side of the bridge. The estimated construction cost for this project is approximately \$32.3 million dollars.

In May of 2012, the Town submitted an Highway Bridge Replacement and Rehabilitation Program (HBRRP) application for the Bear Valley Road bridge over the Mojave River for HBP program to fund the rehabilitation of the existing bridge originally constructed in 1963, widened in 1987 and retrofitted in 1997. This application was successful and the Town received the Authorization to Proceed with Preliminary Engineering in June of 2013. In April 2016, the Town received Authorization to Proceed with additional Preliminary Engineering and in July 14, 2017 the Town received another Authorization to Proceed with additional Preliminary Engineering and Plans, Specifications and Estimate.

FISCAL IMPACT:

The Town is required to provide a local match of 11.47%. This project is currently budgeted in FY 17-18 for \$700,000 (\$80,290 from Measure I Local and \$619,710 from Highway Bridge Program Federal grant) and FY 18-19 for \$665,000 (\$76,276 from Measure I Local and \$588,724 from Highway Bridge Program Federal grant). On July 14th, 2017, the Town received authorization to proceed with additional Preliminary Engineering and Plans, Specifications and Estimate funds from Caltrans for an amount not to exceed \$1,618,000. This amount, together with the Town's budgeted Measure I local match, will provide for Phase III for a total not to exceed \$1,097,986.84.