



# TOWN OF APPLE VALLEY

## TOWN COUNCIL STAFF REPORT

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**To:** Honorable Mayor and Town Council      **Date:** June 14, 2016

**From:** Brad Miller, Town Engineer      **Item No:** 10  
Engineering Department

**Subject:** AWARD PHASE II FOR THE REHABILITATION AND WIDENING OF THE  
BEAR VALLEY ROAD BRIDGE OVER THE MOJAVE RIVER

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

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### 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 II in an amount not to exceed \$551,384, subject to "Approval as to Form" by the Town Attorney and "Approval as to Content" by the Town Manager, with a provision that the contract may be continued for Phase III once the necessary Federal and/or State funding becomes secured.

### 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. The contract phases were as follows:

- Phase I – Bridge Condition Analysis and Evaluation;
- Phase II – Project Approval and Environmental Document;
- Phase III – Final Design.

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

Included in the Scope of Work is a provision that work will not proceed to Phase II until work has been successfully completed and the Town has secured the necessary Federal and/or State funding.

Because the Town received authorization to proceed with additional Highway Bridge Replacement and Rehabilitation Program (HBRRP) funds from Caltrans in an amount not to exceed \$575,445, the Engineering Department recommends that the contract with Dokken Engineering be continued through Phase II of this Project, at a total not to exceed \$551,384, with a provision that the contract may be continued to the final phase, Phase III, as the necessary Federal and/or State funding becomes secured.

## **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 (6) 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.

The scope of work per the contract with Dokken Engineering is separated into three (3) phases:

- Phase I – Bridge Condition Analysis and Evaluation;
- Phase II – Project Approval and Environmental Document;
- Phase III – Final Design

Included in the scope of work is a provision that work will not proceed past Phase I until the Town has concurred with the outcome of this phase and secured the Federal and/or State funding necessary for Phases II and III.

In May of 2012, the Town submitted a 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.

## **FISCAL IMPACT:**

This project is currently budgeted in FY 15-16 for \$1,022,650 (\$358,570 from Measure I Local and \$664,080 from Highway Bridge Program Federal grant). On April 25, 2016, the Town received authorization to proceed with additional Preliminary Engineering funds from

Caltrans for an amount not to exceed \$575,445. This amount, together with the Town's budgeted Measure I local match, will provide for Phase II for a total not to exceed \$551,384.