



## Staff Report

### November 9, 2021

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**TO:** Honorable Mayor and Members of the Town Council  
**FROM:** Merrill Buck, Town Engineer  
**DATE:** November 3, 2021  
**RE:** Approve an Amendment to the Contract with Dokken Engineering to Complete Highway Bridge Program Funding Applications

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#### **Recommendation**

Staff recommends that the Town Council approve resolution 21-xx authorizing Amendment No. 1 to the professional services contract with Dokken Engineering in the amount of \$15,000 to complete an assessment of Town maintained bridges and complete Highway Bridge Program funding applications for the replacement of those bridges that qualify.

#### **Background**

Caltrans is responsible for performing bridge inspections for both state and local bridges. They provide routine reports, typically every two years, which summarize structural adequacy, safe vehicle load carrying capacity, deficiencies and the overall condition of the bridge. On October 1, 2021, Caltrans sent the Town a routine inspection report for the Secret Ravine Bridge on Brace Road. This is one of three bridges maintained by the Town that are registered with Caltrans.

The inspection report indicated that the bridge has a sufficiency rating of 17.8 out of 100. This should make it a good candidate for replacement under the federally funded Highway Bridge Program. This low rating was primarily due to undermining at one of the bridge's piers due to scour. It is an older bridge, built in 1939, with no design drawings on record, so it is difficult to determine how detrimental the scour is to the bridge's foundation. The bridge has been deemed structurally sufficient, however, as a precaution, the bridge was posted for lighter vehicle loads in 2019.

Separate from the Secret Ravine Bridge on Brace Road is a Secret Ravine Bridge on Horseshoe Bar Road. That bridge was determined to have a sufficiency rating of 40 out of 100. It is also an older bridge, having been built in 1929 that is also experiencing undermining due to scour. While not as strong of a candidate, this bridge may also be eligible for replacement funding.

There are two other bridges in town. One on King Road and one on Delmar Avenue. The King Road bridge is registered with Caltrans, and like the other two bridges previously described, is constructed with a deck that is supported by steel girders. The bridge on Delmar Avenue is more of a culvert, incorporating two large, corrugated metal pipes encased in concrete. There are no Caltrans reports on file with the Town for these bridges, but visually, they both appear to be in acceptable condition.

## **Discussion**

The Town has been working with Dokken Engineering to complete environmental documents and other related paperwork necessary to obtain a long-term, routine creek maintenance agreement with the California Department of Fish and Wildlife. Dokken's permitting expertise also extends to federally funded bridge project administration, having completed over 2,000 projects involving bridges. Staff would like to contract with Dokken to review all the bridges in Town, determine which ones warrant the submission of a Highway Bridge Program application to repair or replace the bridge, follow up with Caltrans, and complete the necessary applications. A time and materials allowance of \$15,000 is recommended for this work which will increase the compensation under their contract to a total not to exceed amount of \$65,490.

## **CEQA Requirements**

There are no CEQA implications associated with the recommended action.

## **Financial and/or Policy Implications**

Funding for the recommended services to be performed by Dokken are available from Transportation Funds identified in the Public Works Budget.

## **Attachment**

- A. Resolution 21-XX
- B. Amendment 1

**TOWN OF LOOMIS**

RESOLUTION 21 -           

**A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF LOOMIS  
APPROVING AMENDMENT NO. 1 TO THE PROFESSIONAL SERVICES CONTRACT  
WITH DOKKEN ENGINEERING, INCREASING THE TOTAL COMPENSATION BY \$15,000**

**WHEREAS**, the Town and Dokken Engineering have entered into a professional services agreement dated November 10, 2020 to complete environmental documents and paperwork necessary to obtain a creek maintenance agreement with the California Department of Fish and Wildlife; and

**WHEREAS**, in addition to environmental permitting experience, Dokken has expertise in federally funded bridge project administration; and

**WHEREAS**, the Town would like to work with Dokken to complete an assessment of all the bridges in Town to determine which ones warrant the submission of a Highway Bridge Program application to repair or replace the bridge, and to complete the necessary Highway Bridge Program applications; and

**WHEREAS**, a time and materials allowance of \$15,000 is recommended for this work, as Amendment No. 1 to the professional services contract with Dokken; and

**WHEREAS**, funding is available for Amendment No. 1 from Transportation Funds identified in the Public Works Department budget.

**NOW, THEREFORE, BE IT RESOLVED** that the Town Manager of the Town of Loomis is hereby authorized and directed to execute Amendment No. 1 to the professional services contract with Dokken Engineering to increase the total compensation by \$15,000 for a total not to exceed amount of \$65,490.

PASSED AND ADOPTED this 9<sup>th</sup> day of November 2021 by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAINED:

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
Deputy Town Clerk

# Item 9 Attachment B

## AMENDMENT NO. 1

### TO THE CONTRACT FOR SERVICES BETWEEN THE TOWN OF LOOMIS AND DOKKEN ENGINEERING TO COMPLETE A FUNDING APPLICATION FOR THE REPLACEMENT OF THE SECRET RAVINE BRIDGE

This Amendment No. 1 to the Contract for Services between the Town of Loomis ("Town") and Dokken Engineering ("Consultant") is made and entered into on November 9, 2021 (the "Effective Date").

#### RECITALS

**WHEREAS**, the Town and Consultant have entered into a professional services contract dated November 10, 2020 to assist the Town with obtaining a creek maintenance agreement from the California Department of Fish and Wildlife; and

**WHEREAS**, the parties desire to amend the Contract to include an assessment of Town bridges and completion of Highway Bridge Program applications for the replacement of those bridges that qualify; and

**WHEREAS**, the Consultant has prepared a proposal for such services dated November 2, 2021, (attached hereto and incorporated herein as Exhibit A) and is duly licensed, qualified and experienced to perform those services.

**NOW, THEREFORE**, the parties hereto do mutually agree as follows:

#### 1.0 SCOPE OF SERVICES

The scope of work, as set forth in Section 1, "Scope of Services" of the Contract is hereby amended to include the services set forth in the Consultant's proposal dated November 2, 2021, attached hereto and incorporated herein as Exhibit A.

#### 2.0 COMPENSATION

The reference to the total amount payable in Section 4, "Allowable Costs and Payments" of the Contract is amended to reflect an increase in payment in the amount of \$15,000. The total compensation under the Contract, including this Amendment shall not exceed a total compensation of \$65,490.

#### 2.0 TIME OF PERFORMANCE

The additional services covered by this Amendment shall be complete no later than March 31, 2021.

#### 3.0 INSURANCE

The nature of services covered by this Amendment are similar to those addressed in the original Contract. As such, insurance requirements remain the same.

#### 4.0 REMAINING PROVISIONS

Except as expressly provided herein, nothing in this Amendment shall be deemed to waive or modify any of the other provisions of the Contract. In the event of any conflict between this Amendment and the Contract, the terms of this Amendment shall control.

**IN WITNESS WHEREOF** the parties hereto have executed this Amendment as of the Effective Date.

**CITY:**

**CONSULTANT:**

By: \_\_\_\_\_  
Sean Rabé  
Town Manager

By: \_\_\_\_\_  
Matthew Griggs  
Dokken Engineering

**ATTEST:**

**APPROVED AS TO FORM:**

By: \_\_\_\_\_  
Carol Parker  
Deputy Town Clerk

By: \_\_\_\_\_  
Jeffrey A. Mitchell  
Town Attorney



# DOKKEN ENGINEERING

*Transportation Solutions from Concept to Construction*

November 2, 2021

Merrill Buck, Town Engineer  
Town of Loomis  
3665 Taylor Rd.  
Loomis, CA 95650

**RE: Scope of Work to Review Caltrans Inspection Reports and Prepare 6-A HBP Applications for Bridges Within the Town of Loomis**

Mr. Merrill Buck,

Dokken Engineering (Dokken) is pleased to present this scope of work to review the City's bridge inventory and prepare 6-A federal funding application packages for bridge rehabilitation or replacement projects that are likely to qualify for federal funding through the Highway Bridge Program (HBP). Based on the 2017 Caltrans Bridge Inventory Report, there are three bridges within the City including the Horseshoe Bar Road Bridge, Brace Road Bridge, and King Road Bridge. In addition, the Delmar Avenue Bridge not listed on the Caltrans Bridge Inventory will also be reviewed as part of this contract.

**Scope of Work:**

Bridge Inspection Report Review & Site Inspection - Fee: \$4,500

Engineers from Dokken's bridge group will complete a preliminary inspection of the four bridges within the Town, photograph the structures, and document evident faults and weaknesses of each one. Our engineers will then contact Caltrans to obtain copies of the most recent Caltrans Inspection Reports for each of three bridges listed on the Bridge Inventory. Based on information gathered from the Caltrans Inspection Reports, Dokken will evaluate which bridges are likely to qualify for federal funds through the HBP program.

6-A Federal Funding Applications – Maximum Time and Materials Allowance: \$10,500 (\$3,500 per Bridge)

Dokken's bridge engineers will prepare 6-A federal funding application packages for bridges listed on the Caltrans Bridge Inventory that are likely to qualify for funding. The application packages will be submitted by the Town to the Caltrans District 3 Local Assistance Office. Our staff will follow up with Vlad Popko from Caltrans to get an idea of where each project would fall in the funding queue and estimate a timeline for when funding may be available.

If the Town of Loomis agrees to this scope of work and proposed fee, please sign below and return a scan of this page to me. Please do not hesitate to reach out if you have any questions regarding this scope of work or if more formal contracting documents are required.

Thank you,

Matthew Griggs  
Vice President  
Dokken Engineering

11/2/21

Date

Sean Rabe  
Town Manager  
Town of Loomis

Date