



## Memorandum

**To:** Honorable Mayor and Members of Town Council

**Thru:** David L. Corliss, Town Manager

**From:** Mark Marlowe, P.E., Director of Castle Rock Water  
Mark Henderson, P.E., Assistant Director  
Roy Gallea, P.E., Engineering Manager  
Matthew Hayes, P.E., Technical Engineering Manager  
Josh Hansen, P.E., Project Manager Supervisor  
Frank Main, Project Manager  
Aaron Stremel, Water Engineer

**Title:** **Resolution Approving the Fourth Amendment to the Town of Castle Rock Services Agreement with J-U-B Engineers, Inc., for Engineering Services Related to the 6400 East Tributary Dam Reconstruction and Downstream Rehabilitation Project [Paintbrush Park], CRW Project Number - 250017**

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### Executive Summary

The purpose of this memo is to request Town Council approval of a Resolution (**Attachment A**) for the Fourth Amendment (**Exhibit 1**) to the Services Agreement with J-U-B Engineers (formerly Anderson Consulting Engineering), Inc. for the 6400 East Tributary at Paintbrush Park Phases 1 and 2 Project. This amendment provides funding to support construction-phase engineering services, project closeout, and preparation and submittal of a FEMA Letter of Map Revision (LOMR). These services are necessary to advance the project from final design into construction and through completion, including regulatory closeout.

Purchase Order No. 3056 was originally authorized on February 15, 2023 in the amount of \$107,490. Amendment 1 increased the contract by \$98,855 for additional design and permitting efforts, bringing the total to \$206,345. Amendment 2 extended the term of the agreement through December 31, 2025 to allow completion of design and permitting work. Amendment 3 further extended the agreement through December 31, 2026 with no additional cost to allow time for bidding support services.

With design now complete and the project moving into construction in 2026, Staff recommends approval of this Fourth Amendment adding \$421,200 for engineering support during construction, post-construction documentation, and FEMA coordination for a total authorization of \$627,545. This amendment ensures continuity of engineering services by the Engineer of Record (J-U-B) through project completion and regulatory approval. The proposed amendment also extends the contract duration through December 31, 2027.

## **Discussion**

The 6400 East Tributary at Paintbrush Park Phases 1 and 2 Project combines the previously separate Phase 1 and Phase 2 designs into a single construction project. This approach reduces overall construction costs and shortens the construction duration, minimizing impacts to the surrounding residential neighborhood and public park.

The final project design includes improvements that address stream stabilization, dam safety, water quality, and public recreation goals, including:

- Redesign of the pond located north of The Grange to support recreational fishing
- Redesign of the dam embankment to meet State Engineer's Office criteria for jurisdictional dams
- Inclusion of water quality capture volume in the new pond
- Addition of a riprap-reinforced pond overflow spillway
- Riffle pool drop structures to stabilize the channel grade
- Riprap and grading to prevent stream bank erosion
- New soft surface trails, stream crossings, and fishing access improvements
- Landscaping to enhance aesthetics, reduce erosion, and support wildlife habitat

Due to budget limitations, the project did not proceed to construction in 2024 or 2025. However, based on an updated Engineer's Opinion of Probable Cost (EOPC), the Town now has a refined understanding of the project budget requirements and has moved forward with bidding the project in 2026.

This Fourth Amendment provides funding for construction-phase engineering services, including submittal and RFI review, construction observation, field design support, record drawings, coordination of post-construction survey, and completion of the FEMA Letter of Map Revision (LOMR). These services are necessary to ensure the project is constructed in accordance with the design and successfully closed out. The anticipated construction schedule is Summer 2026 through Summer 2027. This amendment extends J-U-B's contract through December 31, 2027.

## **Budget Impact**

The below table shows the previous amendment history for the Services Agreement between CRW and J-U-B.

<b>Amendment</b>	<b>Date</b>	<b>Additional Authorization</b>	<b>Notes</b>
Original Contract	February 15 <sup>th</sup> , 2023	\$107,490.00	
Amendment 1	August 31 <sup>st</sup> , 2023	\$98,855.00	
Amendment 2	January 9 <sup>th</sup> , 2025	\$0.00	Extension through December 31 <sup>st</sup> , 2025
Amendment 3	December 29 <sup>th</sup> , 2025	\$0.00	Extension through December 31 <sup>st</sup> , 2025

This amendment requests an additional \$421,200 for a total project authorization of \$627,545. The project is funded from the 6400 E Trib. Stabilization Fund ().

<b>Project Number</b>	<b>Account Name</b>	<b>Account Number</b>	<b>Total Contract Amount</b>	<b>Remaining</b>	<b>Requested Additional Authorization Amount</b>	<b>2026 Budget</b>
250017	6400 E. Trib Stabilization	212-4475-444.75-52	\$206,345	\$112,000	\$421,200	\$2,700,000

### **Staff Recommendation**

Staff recommends approval of Fourth Amendment to adding \$421,2000 to the Services Agreement with J-U-B Engineers, Inc. for the 6400 East Tributary at Paintbrush Park Phases 1 and 2 Project.

### **Attachments**

Attachment A:	Resolution
Exhibit 1:	Fourth Amendment