



**FIVE PEAKS CONSULTING**  
**Monthly Engineering Report**  
**Carson Truckee Water Conservancy District**

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February 9, 2026

**MONTHLY ACTIVITIES- JANUARY 2026**

- 1) Completed the fall debris removal report and bi-annual inspection. Currently finalizing the bi-annual inspection report to submit to USACE and expect to submit by end of week.
- 2) Construction is underway on the Riverside Drive Berm Restoration project. JUB is under contract with the city and completing weekly project inspections.
- 3) Met with City of Reno and TRFMA to discuss next steps for the flood wall project. Requested scope of work from JUB to support the modeling and design.
- 4) Held a pre-application meeting on September 18<sup>th</sup> for the Sierra Street Bridge Replacement project. We received the application permit fee. We have been coordinating closely with RTC on resolution of the CTWCD 90% design comments. Requesting Board approval to submit the package to USACE for review. RTC intends to start construction in Summer 2027.
- 5) Continue to coordinate with TMWA for the Highlands Bridge replacement project. It is likely that Section 408 will be the lead federal agency as no regulatory permit will be required. Expecting to receive 60% design for review in the next couple weeks.
- 6) Phone call with USACE on January 20<sup>th</sup> to discuss permit status for all current projects. Followed up with project proponents.
- 7) Conducted a site visit at 365 River Pines in Verdi to review unauthorized encroachment.
- 8) The permit has been executed for the Keystone Avenue geotechnical borings. Both proposed borings were drilled in December but not able to reach the required depth due to significant challenges with the cobbles and boulders. They plan to redrill one of the borings this week.
- 9) Received application from Trout Unlimited for a fish weir project to support habitat for LCTs. This has been submitted to USACE for review.
- 10) Met with One Truckee River to provide feedback on the Urban Tree Workforce Program. They are now including us on their monthly activity reports.
- 11) Followed up with RTC and City of Reno on areas of sedimentation that were left behind on the Arlington Bridges river construction. Discussions still ongoing.
- 12) Met on-site with City of Reno and their design engineer to review the 60% plans for the East River Path project between Lake Street and Brodhead Park.

**UPCOMING ACTIVITIES**

- 1) Continue to support the review of the Trout Unlimited fish passage project.

- 2) Schedule meeting with Congressman Amodei's office to request 2025 meeting to discuss current CTWCD priorities. Todd & Ernie have been communicating with Amodei's office.
- 3) Continue to support One Truckee River's Urban Tree Workforce Program with quarterly meetings to identify opportunities for collaboration.
- 4) Support the Riverside Drive berm restoration project through the end of construction.
- 5) Kick off flood wall hydraulic modeling and design to support 408 application submittal.
- 6) Review 60% design of the TMWA Highlands Bridge project. Support TMWA on upcoming projects that require 408 permitting.
- 7) Continue to participate in monthly check in meeting with USACE. These are scheduled for the third Tuesday of every month.
- 8) Continue to collaborate with the City Forester for the removal of hazard trees within the 14,000cfs flood channel if budget dollars permit.
- 9) Continue working with project proponents for encroachment permit applications for One Truckee River Brodhead Park, TMWA maintenance projects, City of Reno East River Path, City of Reno Water's Edge project, USFWS fish passage projects, NDOT I-80 Verdi Bridge Replacement Project, Keystone/Sierra Bridges replacement project, NV Energy powerline rebuilds and other projects within the 14,000cfs flow channel.
- 10) Follow up with City of Reno on the meeting that was held in 2024 to confirm that West Street Plaza is included in their Flood Response Action Plan (FRAP) and pursue a final encroachment permit.
- 11) Schedule informational meetings with potential entities with river crossings to inform them of CTWCD maintenance activities/capabilities and 408 Encroachment Permit requirements for projects along and across the river. Communicate changes to the 408 Permit process with likely applicants including the City, and utilities; update on Categorical Permission review and differences. Communicate updated fees and Fee Policy for 408 Permit Review.
- 12) Continued coordination with City of Reno for 1) Flood Response evaluation and incorporation of Interim Risk Reduction Measures into their Flood Response Plan for West Street Plaza, Oxbow Park Platform and Riverside Drive, and 2) Flap-gate Installation Phase 2 needs assessment and installation project.

## **SUMMARY REPORT**

The permit for the Arlington Avenue Bridges Replacement Project was issued to RTC in April, as well as a variance to access the flood channel early. Construction began on May 5<sup>th</sup> and is expected to continue through Spring 2026. RTC/Granite completed work in the flood channel before the end of the year. Construction is currently on schedule. Five Peaks completes regular inspections to ensure that the project is being completed as scoped. At the latest inspection, we identified deposition upstream of the island that was under the Aquadam during construction. This was not removed prior to demobilization from the river channel. We have followed up with RTC and City of Reno to ensure that this is prioritized.

The Riverside Drive project continues to move forward to address the existing inundation during 14,000 cfs flows. This will be a two phase project with berm maintenance proposed downstream of Booth Street and a new floodwall upstream of Booth Street. The City of Reno has awarded the berm project to Powerhouse Construction which was the lower bid of the five submitted offers. The low bid came in below the engineer's estimate. Work commenced in January and regular inspections are occurring. Construction is expected to be complete in March. There has been a conceptual design prepared for the floodwall. The floodwall project will require a 408 permit, as well as NEPA permitting. This is currently underway and expected to be submitted to USACE in Q2 2026. We held a project meeting on January 22<sup>nd</sup> with City of Reno and TRFMA to ensure that the agencies are in alignment on next steps.

We received a 90% design package from RTC to support 408 permitting for the Sierra Street Bridge Replacement project. JUB and Five Peaks provided comments and had follow up meetings on February 4<sup>th</sup> and 5<sup>th</sup> to address the comments. One of the biggest concerns is the opportunity for sedimentation after the new bridge is installed. At our request, City of Reno provided a letter that they would continue to monitor and maintain the sedimentation per the Martis Creek Agreement and City Ordinance. This project will be presented to the Board on February 10<sup>th</sup> for statement of no objection and approval to submit the package to USACE.

We received a draft application from RTC/Parametrix to support 408 permitting for the geotechnical borings for the Keystone Bridge. A pre-application meeting with USACE was held on August 27<sup>th</sup> 2024. The boring permit was issued in November and the borings were attempted in December. The two proposed borings were not able to achieve full depth due to significant challenges encountering cobbles and boulders. They are redrilling one of the borings on February 10<sup>th</sup>.

We have submitted the Trout Unlimited 408 application to USACE for review. They have two project locations – one in Verdi in CTWCD jurisdiction and one in Tracy in NVDWR jurisdiction. We are awaiting USACE's initial review comments. Trout Unlimited is also working on their cultural report and associated SHPO consultation.

The bi-annual river inspection was completed in December, as well as the 2025 debris removal report. The bi-annual report is underway and expected to be sent to USACE by February 13<sup>th</sup>. No additional debris removal is required at this time.

JUB recently recommended that CTWCD consider updating the HEC-RAS model to accommodate 2D modeling in the downtown river stretch from Booth Street to Lake Street. After careful consideration, we suggest waiting until many downtown river projects are completed and then using the submitted models to improve the CTWCD overall model. These projects include Keystone bridge, Riverside berm and floodwall, Sierra Street bridge, Arlington bridges and the east river path. These projects are intended to be completed by 2029.

Tri Sage accompanied USACE on a field inspection of the Truckee River during the week of June 13<sup>th</sup>. Federal projects are supposed to be completed every 5 years, but the last inspection of the Truckee River was in 2013. The inspection kicked off on Monday, June 13<sup>th</sup> 2022 at Idlewild Park continuing east to the East 2<sup>nd</sup> Street bridge. The inspection continued on Tuesday, June 14<sup>th</sup> at Glendale Bridge to John Champion Park to inspect east end of the CTWCD jurisdiction. A draft report was received via email on June 27<sup>th</sup>. Five Peaks has provided comments to USACE. We are also working on developing an action/follow up plan for the “unacceptable” ratings and maintenance items.