

Update on the Gulling Street Bridge Project

April 2025

On March 29, 2025, the city received confirmation from FEMA that funds have been approved and obligated to place erosion protection (riprap) at the bridge to protect the material under the Pier 3 bridge support. This was a process that began on 02/02/2024 and required constant collaboration between the City, FEMA, CalOES, and engineering consultants to ensure the funds were approved by FEMA and available for use by the city.

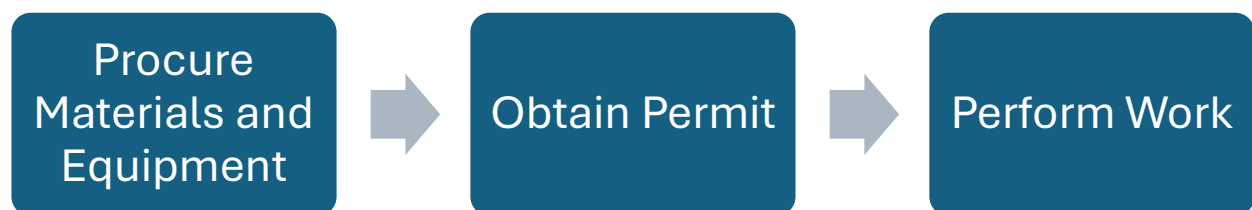
What is “riprap” and how does this help?

Riprap is the placement of large and small rocks around the base of a bridge pier where it meets the water. These rocks play an important role in protecting the bridge.

When water flows around the base of a bridge, it can swirl and dig away at the bottom, which over time can weaken the structure.

Riprap acts like armor. It breaks up the force of the water, helping prevent it from washing away the ground underneath the bridge pier. By slowing the water down and holding the soil in place, riprap helps protect the bridge pier from further erosion.

Next Steps: Procurement, Permitting, and Perform the Work



- **Post FEMA public assistance funding:** The City and engineering consultants are now working simultaneously to procure the materials as well as equipment required to perform the work and submit the required permit to the US Army Corps of Engineers (USACE). The city has engaged both the engineering consultants and USACE to ensure the permit application timeline aligns with the procurement of materials and equipment.

Once the permit is approved by the USACE, the city will have 14 days to begin the work, which is why the timelines need to be aligned to have success.

- **Riprap Placement:** The city intends to perform the placement of the riprap during the early summer this year.

Long Term: Structural Rehabilitation and Continuous Monitoring

- **Structure Rehabilitation Funding:** We have developed and drafted a Highway Bridge Program Application to fund structure rehabilitation of the bridge. The city has been engaged with Caltrans and Plumas County Transportation Commission since late summer 2024 to coordinate the application process and determine funding solutions for the rehabilitation. We anticipate this application will be submitted by the end of May 2025.
- **Ongoing Continuous Monitoring:** The purpose of the continuous monitoring equipment installed on the bridge deck is to continuously monitor the bridge for settlement and deflections. The instruments on the bridge can measure settlement and deflections in the bridge structure to one-thousandths of an inch. The instrumentation continuously monitors the structure for any movement and threshold alarms will alert the city so that actions can be taken as deemed necessary.
- **Transparent Updates:** We will continue to keep the public informed through updates on the City's website as new details become available.