

CLOSE ROAD - RIO RUIDOSO CROSSING STRUCTURE
RUIDOSO, NEW MEXICO, U.S.A.

Mass Gravity Retaining Walls

Problem

After significant flooding events within the Rio Ruidoso, several business and municipal facilities experienced challenges attempting to travel to the Upper Canyon via Close Road crossing the Main Bridge. The project area is identified within Section 27 of Township 11 South, Range 13 East, within the Village of Ruidoso, New Mexico. The existing channel is a well-defined watercourse composed of large boulders. The existing channel is approximately 28 feet wide and ranges from approximately 4 to 9 feet tall.

Solution

The proposed channel is approximately 28 feet wide and 6 feet tall. The proposed channel sidewalls will be stabilized with gabion baskets. On October 12, 2017, the Village and Zia Engineering conducted a public status meeting at the Upper Canyon Lodging Company in order to update the affected property owners and explain the project challenges, construction schedule, USACE permitting and final design.

Client: Village of Ruidoso**Designer / Consultant:** ZIA Engineering & Environmental Consultants**Contractor:** KIMO Constructors, Inc.**Products used (Qty.)**

- Gabions 200

Date of construction: 11/2020 - 06/2021[Google Maps](#)[Google Earth](#)

Construction Progress



Gabion Installation

