



# BOAT RAMPS

*Colorado River Ranch, Colorado River: A large eddy allows for multiple boats to be staged*







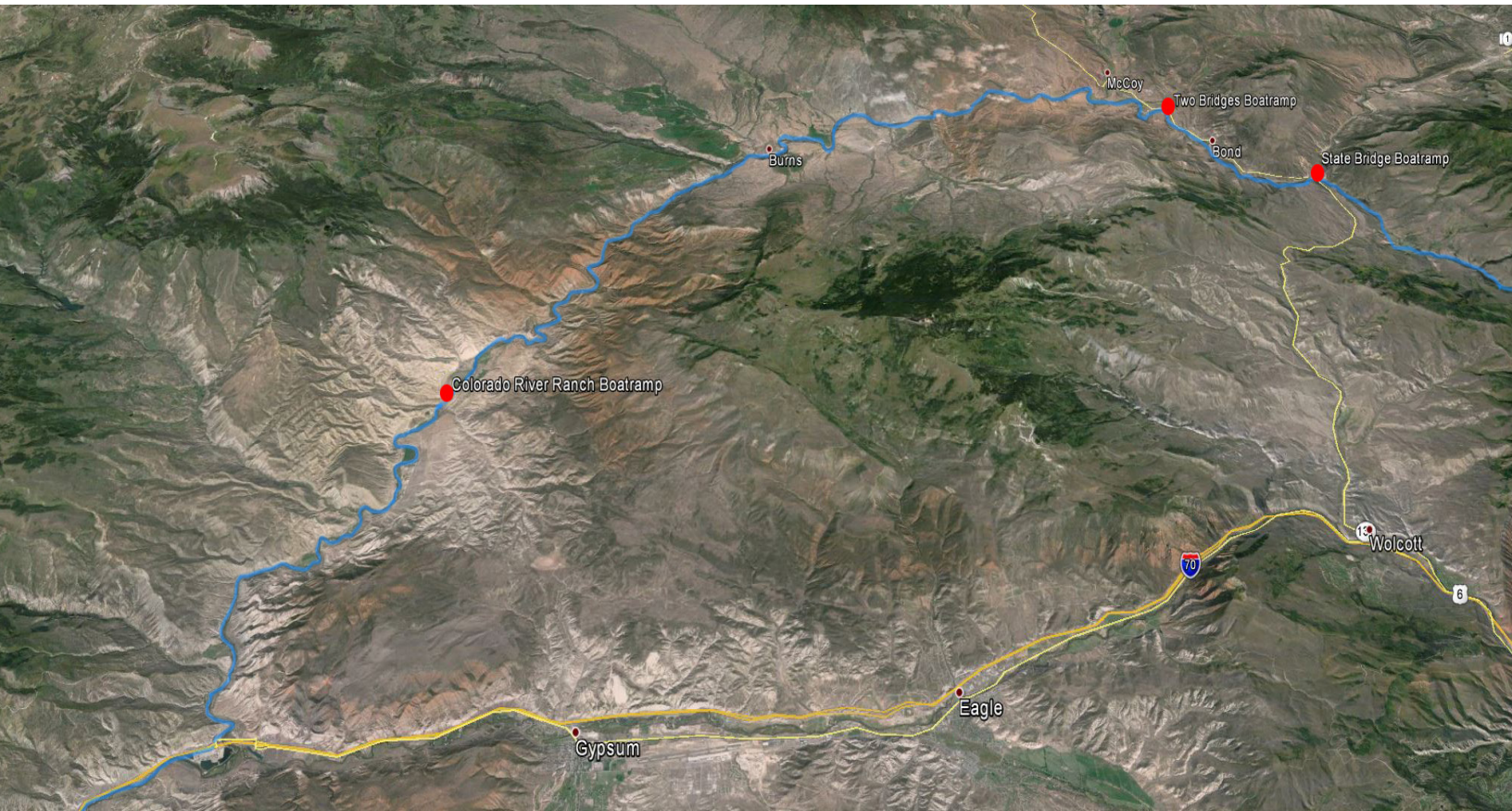
Eagle County, Colorado, is addressing the need to improve access to the Colorado River between State Bridge and Dotsero. While the river received more than 65,000 user days annually upstream from State Bridge, the 45 mile reach downstream received so little use it was not even tracked by the BLM. The County recognized that this discrepancy created congestion on the upper portion of the river and degraded the user experience, while the lower river was virtually unused. This situation resulted from a conspicuous lack of public access points downstream from State Bridge. The entire 45 mile reach was characterized by large tracts of private lands, dangerous public access points and the presence throughout the entire reach of an active Railroad.



*Two Bridges Ramp  
Colorado River:  
Bladders were used  
for care of water and  
environment during  
construction*

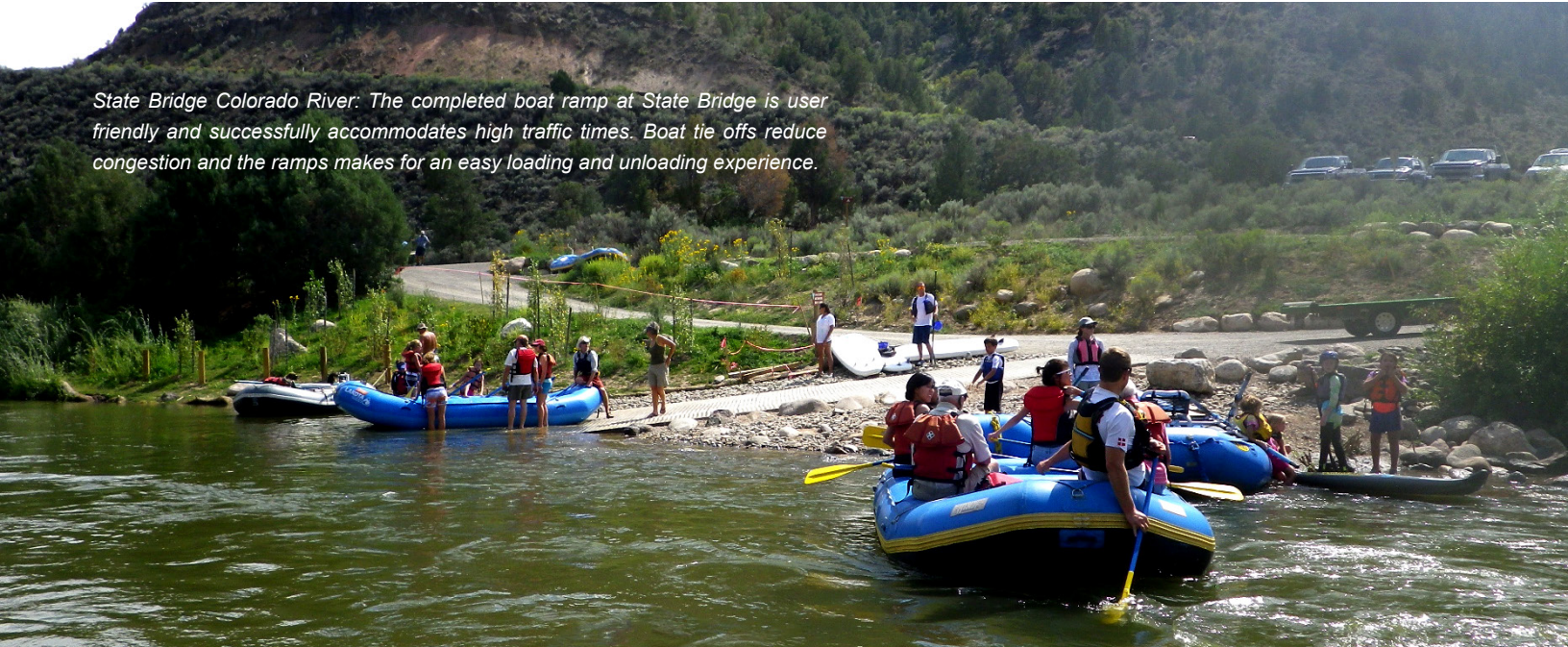
RiverRestoration designed, permitted and oversaw the construction of 3 boat ramp sites, including circulation, parking and facilities. We designed these large ramps from the river out. Our insight allows the ramps to function with the circulation of the river currents and significant variation in river stage. These three boat ramps have been completed construction as of September 2013.

Our goal at RiverRestoration is to enhance the social, economic and environmental values of our river systems. Our unique designs begin at the river channel and work outward. We begin by studying the processes streams take to naturally stabilize their channel. Using an expert understanding of the river’s dynamic equilibrium we are able to design lasting and highly functioning access sites.





State Bridge Colorado River: The completed boat ramp at State Bridge is user friendly and successfully accommodates high traffic times. Boat tie offs reduce congestion and the ramps makes for an easy loading and unloading experience.



Good site design includes multiple circulation paths, parking, staging, bathrooms and changing rooms. Good design is informed by studying the river and predicting functions through a range of flows.

