

**Current River Restoration
Ozark National Scenic Riverway**

Blue Spring, Missouri

In 1993, the Current River flood scoured the banks at Big Springs National Park causing severe damage to the park area and threatening the spring itself. In addition to being a major cultural and natural resource, the National Park is critically important to the economy of the nearby towns. Previous hard armor treatments along adjacent banks had shifted the stress to the site of blow out, aggravating the damage. In addition the hard armor prevented establishment of the native riparian vegetation. The National Park Service required a repair that would not only stabilize the slope and protect the spring, but would blend into the natural surroundings. Moreover, the damaged bank was adjacent to historically important structures dating from the Civilian Conservation Corps area and could not be disturbed. Intuition & Logic designed and supported construction of a vegetated composite revetment. The design also met the Park Service requirement of matching the ecotype of the native vegetation. The revetment manages the transition from hard armor structures upstream to natural riparian vegetation downstream. The construction was completed within ten days and by the end of the first summer, the repair was undetectable to the canoers floating this beautiful and popular river.

