

## **Galaxy/Meteor/Brierhall Stream Restoration**

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City of Maryland Heights, Missouri

In 1999, Intuition & Logic conducted the geomorphic analysis and determined the scope of work for the Galaxy/Meteor/Briarhall project, an incising reach of stream extending approximately 2,800 feet behind residential development. The incision is progressing upstream of a concrete channel through the easily erodible loess soil resulting in high, unstable banks.

The incision was halted with a series of rock grade control structures and the severely incised reach upstream of the concrete channel was completely restored by raising the channel bed with excavated soil and reshaping, fabric and planting eroded banks. High stress areas were further stabilized with composite revetments.

Construction is scheduled for 2007.

