

Private Residence Streambank Stabilization

St. Charles, Illinois



In the late November of 2002, Conservation Land Stewardship (CLS), began a project to restore 230' section of Ferson Creek. A combination of bio-engineered streambank stabilization techniques, native landscape systems, and erosion control measures were employed to enhance water quality, reduce the hydrologic effects of on-site and upstream surface water runoff, improve wildlife habitat, and increase aesthetic quality throughout the riparian corridor and upland portions of the watershed.

CLS began site work in November of 2002. Restoration efforts on this site are ongoing, and to date include:

- installation of erosion and sediment control structures
- bio-engineered bank stabilization - stone toe installation, vegetated soil lifts, and bank reshaping
- selective clearing of invasive woody species within the riparian corridor
- initial seeding of native riparian herbaceous plants
- installation of native riparian shrubs

Client:	Private Homeowner
Project team:	Conservation Land Stewardship Conservation Design Forum
Status:	Construction completed in 2002
Project budget:	\$25,000