

Lyman Woods Streambank Stabilization

Downers Grove, Illinois



In the late summer of 2006, Conservation Land Stewardship (CLS), in coordination with the Downers Grove Park District, began a project to restore the severely eroded stream located in the Lyman Woods Nature Preserve. 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 late summer of 2006. Restoration efforts on this site are ongoing, and to date include:

- installation of erosion and sediment control structures
- bio-engineered bank stabilization – vegetated soil lifts, bank and stream channel reshaping, riffle installation, vegetated stone toe, J-hooks, Lunger boxes, and root ball reventment installation
- selective clearing of invasive woody species within the riparian corridor
- initial seeding of native riparian herbaceous plants
- installation of native riparian shrubs
- Stewardship and monitoring

Client:	Downers Grove Park District
Project team:	Conservation Land Stewardship Living Waters Consultants Planning Resources, Inc.
Status:	Construction completed in 2006 Stewardship completed in 2007
Project budget:	\$750,000