



Chicago Metropolitan Agency for Planning

Project Name: Lower Tyler Creek Watershed Project

Grant Recipient: City of Elgin

Project Location: Elgin, Illinois

Project Budget: Total Project Costs - \$58,739.75 / 319 Grant Amount – Costs Unavailable

Project Summary: The City of Elgin’s project included stabilization of the streambank with approximately 180 linear feet of A-jacks, 35 linear feet of coconut fiber coir, 20 feet of woody debris, and 580 square yards of turf reinforcement mat. The stabilization aims at preventing further erosion along the creek. The project also aims to restore ecology by removing invasive species of trees.

Prior to construction, the south bank of Tyler Creek at this site had almost a vertical cut of nearly 10 feet. The vegetation, consisting mostly of a few small trees, was being undermined leaving their root systems exposed. As unstable vegetation/trees fell into the creek they took soil with them and loosened the remaining soil, causing sediments to be mixed with water and to be transported downstream.



Pre-conditions, South Bank

Post-construction, south bank after growth of vegetation