



Chicago Metropolitan Agency for Planning

Project Name: **Norris Woods Creek Stabilization and Water Quality Improvement Project**

Grant Recipient: St. Charles Park District

Project Location: St. Charles Township, Kane County, Illinois

Project Budget: Total Cost - \$230,849 / 319 Grant Amount - \$118,232

Project Summary: Norris Woods Creek is a tributary of the Fox River and located in the Lower Fox River watershed. The watershed is 53 acres in size and approximately 1/3 of the watershed is urbanized. The creek bed extends approximately 1,700 feet before emptying into the Fox River. Norris Woods Creek extends approximately 1,700 feet before emptying into the Fox River and is a small, flashy ephemeral stream that receives predominantly urban runoff. The purpose of the Norris Woods Creek Stabilization Project was to protect the Fox River from non-point source pollutants from stream channel erosion, as well as a golf course and urban runoff. This was done by decreasing the velocity of the water as it travels down the creek. Natural materials were selected to be used to create a series of step/pool structures that would effectively stabilize the creek bed as well as its banks, allow for sediments and associated pollutants to settle out and slow the flow of water making its way down the channel. Two basins associated with the channel have been revegetated to create sedge meadows which will further allow for filtering out pollutants as water makes its way through the basins.



Pre-construction conditions



Post-construction conditions