

Brandywine Creek

Project Sheet



Oxbow River and Stream is recognized as a leader in the field of stream restoration and watershed management.

Oxbow specializes in:

- Natural channel design
- Bio-engineering
- Stream management

For more information on this project or to learn more about Oxbow River and Stream, you may use the following:

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*Our mission:
to restore the
physical and
biological
functions of
streams.*

Project Specifications

Client: Niles Township
Location: Niles, Michigan
Watershed:
Restored Channel Length:
Drainage Area:

Specialized Services:

Site Survey and Evaluation
Project Design and Installation
Bioengineering Techniques
Streambank Stabilization

Project Summary

Oxbow River and Stream Restoration, Inc. provided client with complete construction of creek channel restoration and stabilization of Brandywine Creek, a tributary to the St. Joseph River. This solution included the application of the Plamiter method of stream stabilization.

The restoration objective was to enhance stream hydraulics and native trout habitat by constructing a stable channel using native materials with no adverse impact to the riparian area.

The project utilized tree revetments, live branch layering, rock weirs, management and revegetation of the riparian zone.

Responsibilities included site survey, construction, and installation of the various bioengineering techniques.



Brandywine Creek Following Restoration Efforts