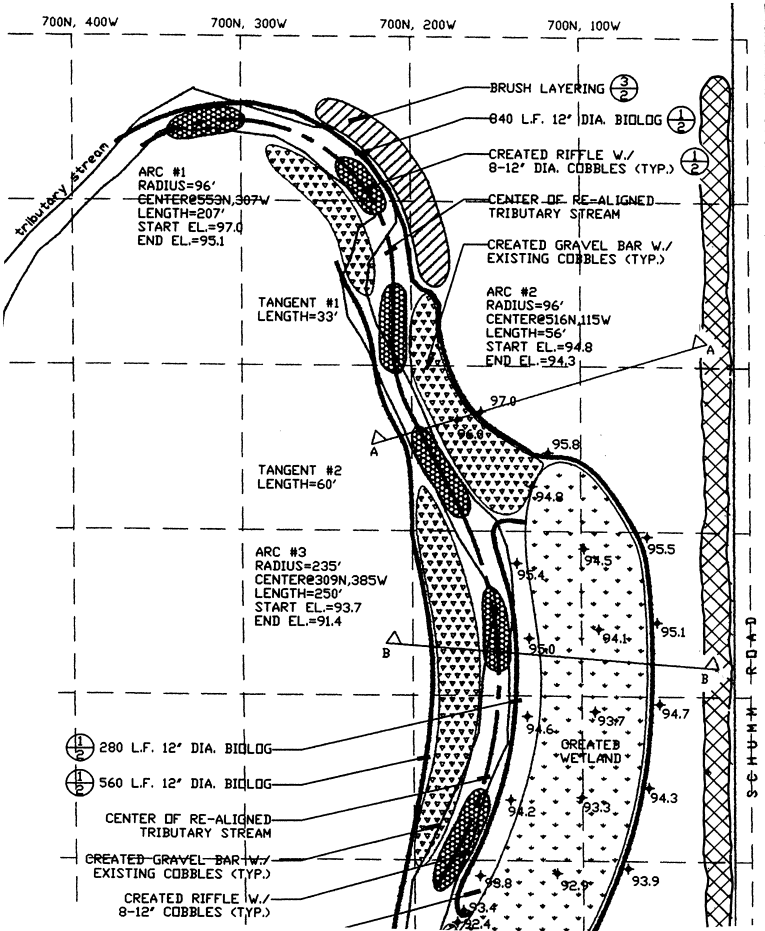


Red River Restoration

Woodford County, Illinois

Working with The Nature Conservancy in central Illinois, Applied Ecological Services, Inc. designed and constructed the Red River demonstration project, a part of the larger Mackinaw River Project. Applied Ecological Services completed a site inventory and analyses of existing topography, stream bed and bank materials, and existing vegetation. Streambank stabilization and riparian habitat restoration improvements were designed and permitted for this reach of a severely eroded tributary to the Red River in central Illinois.

The project included re-alignment of a portion of the stream that was actively scouring its bed and banks due to past modifications to the channel. A floodplain oxbow wetland was also created to provide additional riparian habitat adjacent to the restored stream. The final plan incorporated soil bioengineering techniques, wetland geotextiles, geomorphic design criteria, and native plantings to improve this difficult project site.



Project site during construction.



Project site nine months later.

Applied Ecological Services, Inc.

