

KOKOSING RIVER RESTORATION

A MULTI-PHASE EFFORT TO ADDRESS HABITAT DEGRADATION, RIVER BANK EROSION, AND WATER QUALITY IMPAIRMENT ALONG OUR KOKOSING RIVER



FLOODPLAIN ACCESS AND HABITAT ENHANCEMENT

The project at West Lake repaired a breach in the embankment separating the Kokosing River from this lake, a former mining quarry, caused by a 2017 flood event. The project also lowered the remaining embankment and created a more stable lake shoreline with integrated aquatic habitat features. The lowered embankment improves floodplain access for the river and broadens the riparian corridor separating the river and the lake, while also improving access to the lake for enjoyment by park visitors.



RIVER RESTORATION

The project at Norton Street provided 700 linear feet of embankment stabilization and restoration in a backwater area along the Kokosing River. The purpose of this project was to protect the river from breaching into the East Lake, and protect the unique aquatic habitat features of those two water bodies. The restoration utilized bioengineering techniques, including soil wraps supplemented with planting of native vegetation.



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RIVER BANK PROTECTION

The project at Phillips Drive stabilized and protected approximately 800 linear feet of river bank by installing stone and vane arm structures. The vanes are in-channel rock structures placed to redirect flow into the center of the channel, away from the river bank. The project also included enhancement of the riparian corridor by planting approximately two acres with native trees and shrubs.