Menomonee River Fish Passage Barriers
Crossing #1 - Sewer Crossing

Before..... ......After

Pool
Rock ramp fishway
Crossing #2 - Stone Walking Path

Before.....

......After

This image can also serve as an example of the removal of Crossing #5 – Old Stone Road.
Sewer Crossing #4 - Existing Photos

Looking downstream from left bank

Looking upstream from left bank at backwater channel
Plan Sketch:
Rock ramp fishway at sewer crossing #4

This approach can be also be implemented at Sewer Crossing #3.
Centerline existing sewer crossing, concrete encased pipe

Scour plunge pool along face of sewer

Buried gravel bed

Deposition

Sewer line existing profile

Rock ramp at 1:20 slope

Rock ramp fishway