

A scenic sunset over a body of water. The sun is low on the horizon, creating a bright orange and yellow glow that reflects on the water. The sky is filled with soft, wispy clouds. In the foreground, the silhouettes of bare trees and a rocky shore are visible against the bright sky.

2011 Agricultural Group Drainage Program

Sodus Ditch North

This was a maintenance project in the town of Rose. We began this project last fall, when we trapped beaver and removed their dam, as well as doing some mowing. This spring we finished the mowing, and repaired a crossing that we had installed as part of the original project. Project was ½ mile long and completed by Kenneth Morrison.



Hydesville Ditch

This was a maintenance project in the town of Arcadia. We mowed over two miles of ditch on this project, mowing both sides wherever possible. The project was completed by Kenneth Morrison and took eight days to complete.

Before



After





Dutch Street Ditch

This was a maintenance project located in the town of Huron. Work on this project consisted of mowing about 2 miles of ditch as well as dipping about 1 mile of ditch that had become choked up by sediment accumulation. Work on the project helps maintain proper drainage for multiple farmers covering hundreds of acres of agricultural land. This project was completed by Kenneth Morrison.



Before



7/8/11

After



7/8/11

After



7/14/11

After



7/11/11

Melvin Brook

This was a maintenance project in the town of Galen. Work on this project included mowing about 1 ½ miles of ditch and snagging trees and debris from ¾ of a mile of the project. We also installed a culvert crossing that will allow the landowner and farmer to access a field on the opposite side of the creek. Two sections of this project were skipped, one due to crops and the other because of wetland issues. Ken Morrison completed the maintenance work and Decker Excavating installed the culvert crossing.

Before



After



After



After



Black Brook

This was a maintenance project in the town of Galen. We mowed our maintenance corridor along about a mile of the creek, mowing both sides on about half of the project. We couldn't mow one section because of abnormally high water levels during the project. The work was completed by Ken Morrison.



Mink Creek

This was a maintenance project in the town of Williamson. Work on this project involved mowing about a mile of ditch, as well as clearing some trees along the ditch and dipping about 1000 feet. Project Completed by Ken Morrison.

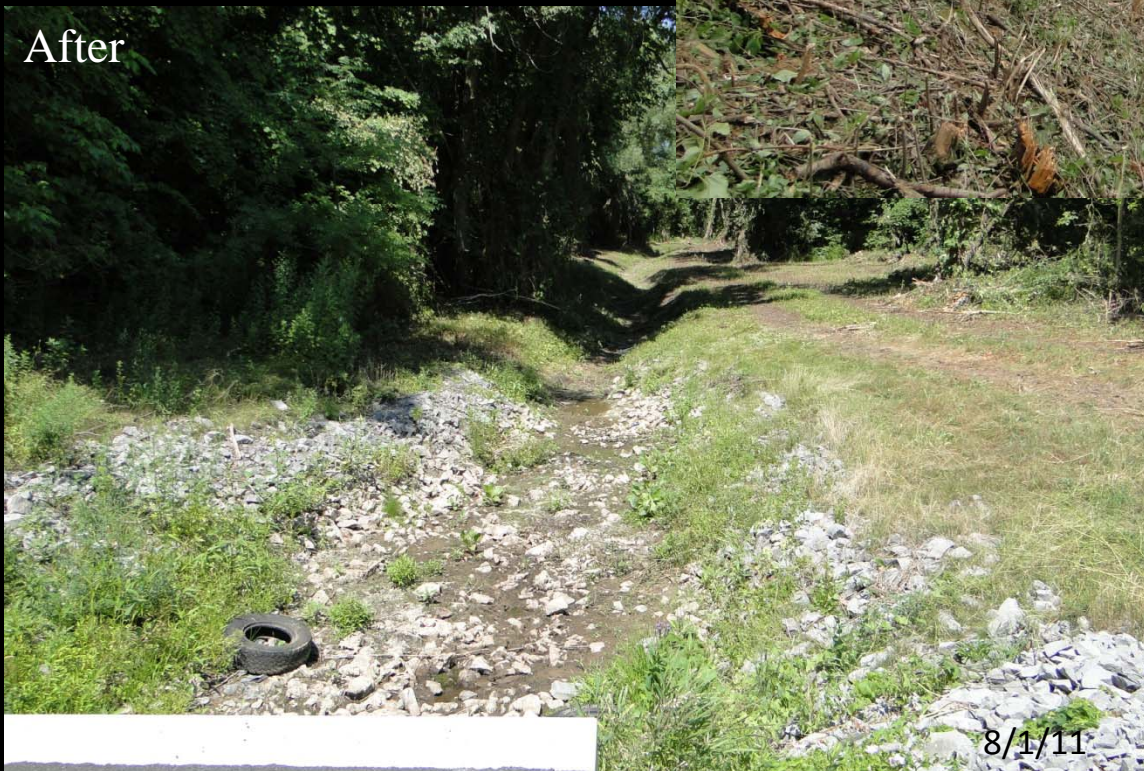


After



7/28/11

After



8/1/11

Sodus Center Ditch

Beaver moved into the area, plugging up two culvert crossings. We obtained the permit and coordinated a trapper to remove the beavers. We then removed the beaver dams as well as cleared trees from the ditch that the beaver had toppled. Work on this project was completed by Decker Excavating.



Jack Creek Extension

This was a quarter mile extension of our Jack Creek project. This extension was done to relieve flooding problems that were occurring where our original project ended. The channel through this section had silted in to the point it was almost non-existence. We re-dug the channel to where our original project ended. The work completed on this project will help relieve residential flooding and improve agricultural drainage. Decker Excavating completed this project.



Clyde School Ditch

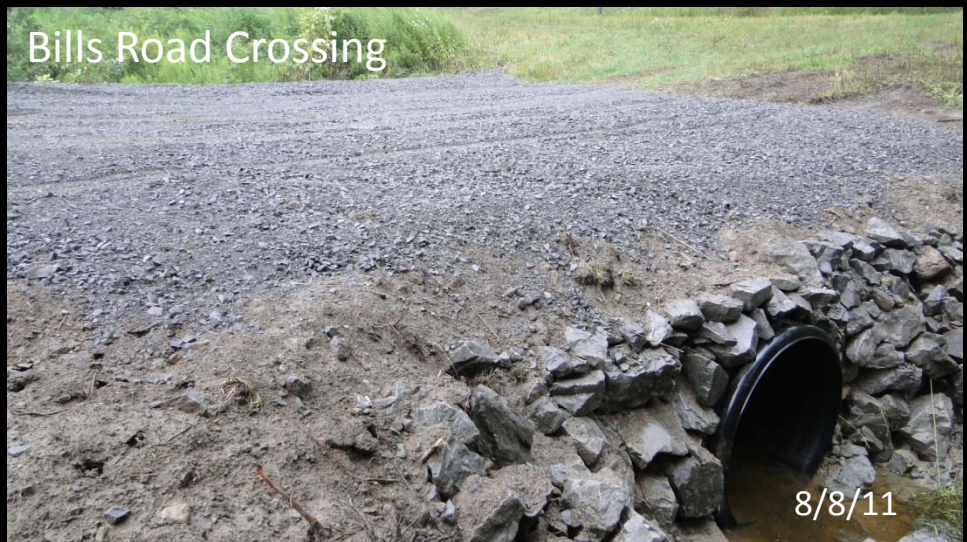
This was a new project in the village of Clyde. The purpose of this project was to help resolve some of the flooding and drainage issues that the Clyde-Savannah school district has suffered from for years. The first step of this project was to mow everything along and in the ditch channel that we could. Next, we removed all trees from the channel that were too large to mow. Once everything was cleared out of the way we began digging out the bottom of the channel, reestablishing its original hard bottom. Excavation ranged from one to two feet throughout the project. We also dug up and then reinstalled a four foot culvert that was originally installed too high and was impeding proper flow. The project covered a total of about three quarters of a mile of ditch and should vastly improve the schools, as well as surrounding residents, storm water drainage. There is still more that could be done to further improve the drainage for this area, although we were not able to this year because it involved a NYS DEC wetland which would require a permit to enter. Ken Morrison completed the excavating work and Decker excavating did some dozer work to level off spoil.





Stream Crossing Replacements

We replaced culvert crossings on two maintenance projects, Mill creek and Bills road ditch. The Mill creek crossing was originally constructed using culvert pipe and old tanks together, which were severely degraded and impeding proper flow. We installed 60 feet of two foot pipe on this project as well as brought in gravel and rip-rap to stabilize the crossing. This crossing allows greater access for agricultural activities. The Bills road ditch crossing was replaced because the banks were constantly eroding back and the crossing was too narrow for today's farm equipment. We installed 40 feet of 5 foot culvert pipe for this crossing. We also brought in fill as well as rip-rap to stabilize the inlet and outlet of the pipe. Both of these projects were completed by Decker excavating.



Special Projects

Three special projects were completed this year. They included a stream bank stabilization project and a diversion swale, both in the town of Macedon. The third project involved stabilizing a ditch down a steep slope to reduce erosion and stabilize a farm driveway in the town of Sodus. Decker excavating completed all three of these projects.

Trap Brook: This was a small stream bank stabilization project. The goal of this project was to stop trap brook from continuing to undercut a steep bank. We accomplished this by bringing it heavy rip-rap, average size of about 24 inches in diameter, to place along the toe of the bank. Protecting the toe of the bank should completely stop the undercutting that was occurring, hopefully allowing the bank to stabilize by re-vegetating naturally.



Contestible Diversion Swale

The purpose of this project was to stabilize a failing diversion swale and route it to a suitable outlet. To complete this we re-dug the existing swale to an appropriate depth and width that would allow us to bring in light rip-rap to stabilize the steeper section of the diversion. We also seeded and mulched the entire swale to further reduce erosion. The work completed on this project protects the landowners house and garage as well as reduces erosion and sedimentation issues.



Defisher Road Project:

The major issue on this project involved a severely eroded ditch that flows directly down a steep slope and into a road ditch perpendicular to it at the base of the hill. There is also a farm lane that goes up the hill along the ditch experiencing constant erosion problems. The idea on this project was to first stabilize the ditch going up the hill using rip-rap to armor the channel and slow down the flow. With the ditch stabilized we can then divert water off the farm driveway into it by installing two or three small diversion swales across the driveway. These diversion swales will cut water off, forcing it into the ditch instead of continuing straight down the driveway. We were only able to complete the stabilization of the ditch this fall, but plan on completing the driveway work in the spring.

