

Polk Township – Dixon Road



Problem: An entrenched road down a steep grade had excessive runoff on both sides during rain events. Additional runoff entered the roadway from an adjacent access road. 2 existing cross pipes discharged at the same location.

Solution: Installation of a new 18” cross pipe at the midpoint of the steep grade, which discharged to a well vegetated area. The existing 15” pipe was replaced with a 2’ pipe adequately convey the runoff. Pipe discharges were relocated to separate outlets prior to reaching the nearby stream. Head and end walls were installed on all pipes.

Additional grade breaks were installed on the adjacent access road to divert runoff into the woods prior to reaching the Township Road.

The road base was built up 3’ to encourage sheet flow.

