

# Polk Township – Dixon Road



**Problem:** The existing stream crossing was too small, which caused erosion on the streambanks and stream bed. Water was running in the road ditch for a long stretch, causing deep ditches. The road was entrenched.

**Solution:** – A five-foot squash pipe with headwalls and endwalls was installed at the stream crossing. The 15” cross pipe was replaced with an 18” pipe with an inlet box and endwall. The outlet was lined with R5 stone to prevent erosion. 2,903 tons of road fill and geo fabric were used to build up the road profile, to encourage sheet flow. Four turn outs were installed. Disturbed areas were seeded and mulched as needed.

