

Eldred Township – Turner Road



Problem: An underground spring was discharging directly into the road base, causing it to become saturated. An existing cross pipe had collapsed. The road profile was not crowned.

Solution: A pipe to collect the spring water was installed on the upgradient side of the road. The collected water was then dispersed into a grassy area to dissipate and filter before reaching the stream. A French mattress was installed to let water pass through the road base and provide support. The cross pipe was replaced with a larger pipe. The road profile was built up and crowned to encourage sheet flow.

