

Tionesta Township – Passauer Road

Forest County



Problem: A large amount of stormwater was concentrating between two Township roads, causing a severely eroded gully to form. Existing crosspipes were too small. The outlets of the existing crosspipes were failing, causing the surrounding banks to erode.

Solution: The eroded gully was built up with shale, then stabilized with a lining of geo-fabric topped with R4 limestone. A tear drop filtration system was installed in the middle of the stabilized gully to slow down the water. The two existing 15” crosspipes were replaced with 18” crosspipes. An additional 18” crosspipe was installed. Headwalls and endwalls with bank support were installed. Ditches were stabilized with R4 limestone. Areas were seeded and mulched as needed.

