

Barnett Township – Jacks Hollow Road

Forest County



Problem: The road base had deteriorated and was very unstable. The entrenched roadway was discharging sediment laden runoff directly to the nearby stream. The only existing cross pipe was inadequate.

Solution: An average of 2' of fill was added to raise the road profile and encourage sheet flow. 1537 square yards of geotextile fabric was installed prior to the fill placement to provide additional base stability. The undersized, existing cross pipe was replaced with an 18" pipe, along with a stone-lined waterway at the outlet to further filter the discharge. An 18' through-the-bank pipe and 2 turn-outs were installed to help direct runoff to well vegetated areas. All disturbed areas were seeded and mulched.

