

Barnett Township – Songer Road



Problem: There was a roadside spring running along the road. The existing underdrain was plugged. Offsite runoff was entering the roadway from a camp's driveway. The road grade was lower than the surrounding area. The road was acting as a ditch and was carrying sediment directly to the stream. A field drain discharged water along the road.

Solution: The existing underdrain was replaced. A pipe was installed to collect the water from the roadside spring and field drain and keep it free from sediment. A stone filter was installed at the outlet to dissipate the water before discharging directly to the stream. Geotextile fabric was used to support the road base. The grade of the road was built up 1 ½ feet to encourage sheet flow.

