

## Polk Township – Bond Road Project



**Problem:** Stormwater from an adjacent Penn DOT Road was being directed onto the Township Road, causing severe erosion. The Township Road was acting like a ditch, conveying sediment laden runoff directly to the stream. Existing springs along the Township Road also contribute to make a soft road base. The existing stream crossing was undersized.

**Solution:** A junction box and an additional cross pipe were installed to direct the Penn DOT Road runoff into a grassy waterway. The Township Road was built up an average of 3.5 feet and underdrains were installed on both sides of the road to improve drainage and strengthen the road base. A larger culvert was installed at the stream crossing.

