

Polk Township – Bond Road



Problem: The road base was saturated and soft due to the existing streams and wetlands located along the road. The existing crosspipes were too small for the water flow, which caused erosion problems. The existing stream crossing was too small, which caused the road to flood during heavy rain events.

Solution: Underdrains, a French Mattress, and larger crosspipes were installed. The stream crossing was enlarged. The road base was built up. The road was properly shaped and graded to encourage sheet flow. The banks were graded and #1 stone was used to stabilize the outlets of the pipes.