

# Ringgold Township – Alcorn Road Project

This is a Low Volume Road (LVR) Project.



**Problem:** Excessive stormwater was running down the long, sloping road. Ditches were eroding and overflowing, existing cross pipes were not sufficient. The runoff was concentrated to one area, causing severe erosion.

**Solution:** Existing cross pipes were replaced with larger ones. Inlet boxes were installed to catch the water and help hold the banks. Seven additional cross pipes were installed. Improved berms enabled the water to sheet flow off the road into vegetated areas. The severely eroded area was stabilized with #4 and R5 stone, helping to clean and slow down the water.

