

Beaver Township – Ames Road Low Volume Road (LVR) Project



Problem: Water from a roadside spring was carrying sediment directly to the stream. The existing twin plastic pipes that had been joined to a cement box culvert were separating, causing the road to begin to collapse. The twin pipes were causing erosion along the stream banks from the water backup.

Solution: A cross pipe to collect the water from the spring was installed. This diverted the water into a stone filter, dispersing it into a well-vegetated field for filtration. A 12-foot plated arch, aluminum culvert was installed, meeting bankfull requirements. This allows better stream flow with less water backup, stops bank erosion and improves aquatic life passage.

