

Beaver Township – Ames Road

Low Volume Road Project



Problem: Runoff from an existing Penn Dot cross pipe and a spring located in the middle of the Township Road were saturating the Township Road ditch with flowing water. Sediment was being conveyed directly to the stream.

Solution: Installation of an inlet box to capture the water from Penn Dot's cross pipe, 5 additional inlet boxes in the Township Road ditch and 750' of 18" underdrain in the ditch between the new inlet boxes.

A 240 sq. ft. French mattress was installed in the road base to catch spring.

A stone filter was installed at the outlet of the underdrain before reaching the stream.

