

Forest County - 2019 Projects

In 2019, the Forest County Conservation District, with assistance from the Jefferson County Conservation District, successfully completed several Dirt, Gravel, and Low Volume Road (DGLVR) projects aimed at improving local infrastructure and protecting our natural resources. The program funded five projects across four different municipalities, showcasing our commitment to enhancing road conditions while minimizing environmental impact.

Below, you can find collages featuring detailed information about each of the completed projects in Forest County for 2019:

- **Howe Township - Job Corps Road**
- **Tionesta Borough - Cemetery Street**
- **Tionesta Township - Passauer Road**
- **Tionesta Township - Stitzinger Road**

We invite you to explore these collages and learn more about our efforts to maintain and improve our local roadways.

Howe Township – Job Corps Road

Forest County



DSA Installation - Paver



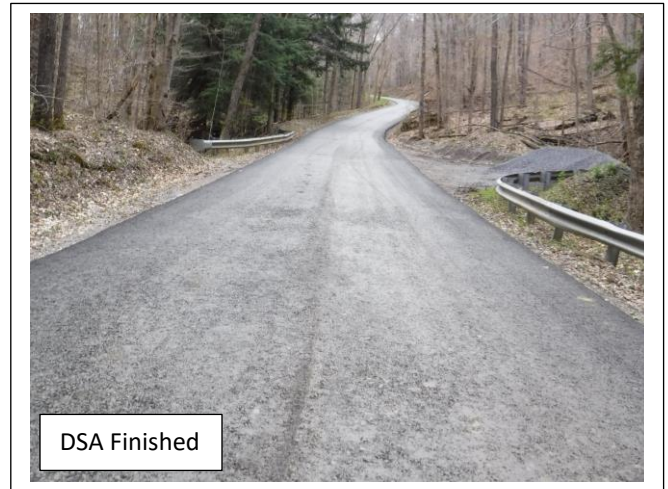
DSA Installation - Roller

Problem: Water was running down steep roadside ditches for long distances, causing erosion. There were not enough crosspipes. The road surface was washboarding from the steepness of the hill and poor surface material.

Solution: Crosspipes and underdrains were added where needed to disperse runoff. 5,616 square yards of DSA were placed on the road surface to help stabilize it.



DSA Finished



DSA Finished

Tionesta Borough – Cemetery Street

Forest County



Problem: Water from a paved parking area was running onto the Borough road, causing erosion and carrying sediment directly to the river. Water was laying in the existing ditches since there were no outlets. The existing road profile was lower than the surrounding area.

Solution: A pipe was installed to catch water from the parking area and outlet it to a stone filter area before going to the river. A crosspipe was installed to collect water from the road ditch and deposit it into an outlet box. The road base was built up with 808 tons of stone to crown the road and encourage sheet flow during rain events. Disturbed areas were seeded and mulched as needed.



Tionesta Township – Passauer Road

Forest County



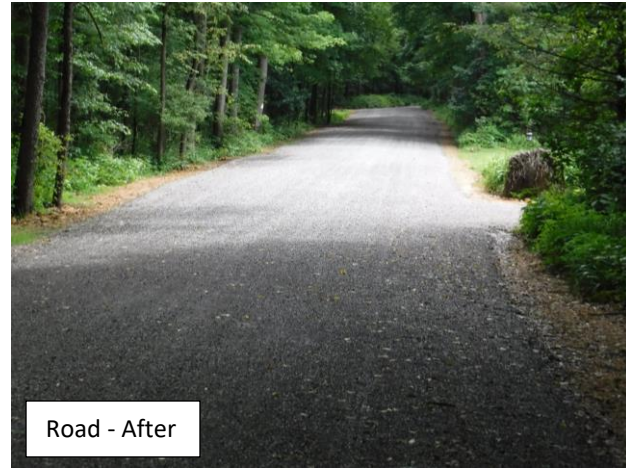
Problem: A large amount of stormwater was concentrating between two Township roads, causing a severely eroded gully to form. Existing crosspipes were too small. The outlets of the existing crosspipes were failing, causing the surrounding banks to erode.

Solution: The eroded gully was built up with shale, then stabilized with a lining of geo-fabric topped with R4 limestone. A tear drop filtration system was installed in the middle of the stabilized gully to slow down the water. The two existing 15" crosspipes were replaced with 18" crosspipes. An additional 18" crosspipe was installed. Headwalls and endwalls with bank support were installed. Ditches were stabilized with R4 limestone. Areas were seeded and mulched as needed.



Tionesta Township – Stitzinger Road

Forest County



Problem: The road was severely entrenched, with severely eroded ditches. The deep ditches were carrying sediment to the stream. The entire roadway had flooding and erosion problems.

Solution: Two new pipes were installed. Two tear drop filtration systems were installed as well as a natural grass channel to slow down the runoff and encourage infiltration. Four new turnouts were installed. The road base was built up 5' using 6,116 tons of shale, encouraging sheet flow during rain events. Disturbed areas were seeded and mulched as needed.

