

Bluebird Lane, PA Game Commission

BEFORE AND AFTER

Contractor – None (PGC Habitat Crew)

Final Inspection 6/16/2020

Stream Impacted – Tributary to Fishing Creek  
– HQ & Wild Trout Fishery

Total Project Value - \$35,076.20

CCCD Expenditures - \$28,483.66

Game Commission In-kind - \$6,592.54



Bluebird Lane BEFORE: This section of road contained a damaged ag field tile line that was a constant source of water reaching the road and a constant source of erosion and rutting. Sediment from this area drains directly to a sinkhole to the left of the photo. Road surface was unstable and a source of sediment as well.

Gate for Reference



06/01/2020 08:36



Bluebird Lane AFTER: The damaged tile line was repaired and redirected safely under the road to avoid contact with road sediment and saturation and rutting of road. A French mattress was constructed around the tile line and under the road to further improve drainage in high flow conditions and the surface was stabilized.

Gate for Reference



09/21/2020 13:07



Bluebird Lane BEFORE: This section of road was typical of most of the entire road, entrenched with a poor base and surface that constantly eroded. Sediment from many sections of this road drain to field diversions that outlet to the stream or to sinkholes.

← Post for Reference

06/01/2020 08:41



Bluebird Lane AFTER: Most of the road was filled with base material to bring the road elevation up above surrounding grade, enabling the road to drain and not carry stormflows in the roadway. The surface was capped with 2A that does not contain sediment and is less erosive than dirt, reducing sediment delivery to diversions and stream. Surface was placed at a 4-6% slope to provide drainage.

Post for  
Reference



09/21/2020 13:10



Bluebird Lane BEFORE: This is an example of where road sediment was able to wash into a field diversion that outlets directly to the stream or sinkhole. This diversion was similar to several others on the property in that it flows overtop of the road. This diversion also drained several springs and was a constant source of water reaching the road and a constant source of erosion and surface problems.



Sign for Reference

06/01/2020 08:49



Bluebird Lane AFTER: Road fill was added, a cross pipe was installed, surface was improved with 2A stone, and road was elevated above the diversion. This all reduces sedimentation and increases drainage. Four additional diversions were addressed in this manner with this project.



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09/21/2020 13:16