

South Loon Lake Road – Lake Shore Homes Road 1A entrance erosion

Proposed Fix

- A Thunderstorm with very heavy rain occurred May 30, 2020
- A wall of water flowed down S. Loon Lake Road and flowed into Lake Shore Homes road 1A entrance causing major erosion on the road. It did not flow off the road due to a berm on the side of the road.
- There is a debate to the naming of this entrance road. For this report I am calling it road 1A. It is the entrance to LSH from S. Loon Lake Road and it is east and before LSH main entrance road 5. There is another entrance from road 5 named road 1. These two roads connect in a Y about 200 ft from the entrance of road 1A off South Loon Lake road.
- Once the water wall entered LSH entrance road 1A it flowed down the driveway of LSH property owner Gary and Nancy Absolonson's traveling down about a 70 ft driveway and down onto their deck carrying mud which covered their lower deck.
- Steven's County Road department was contacted. They will fix the water flow problem from S. Loon Lake Road but repair of our road and the Absolonson's driveway is up to LSH Inc and the property owner.
- The fix has been completed. Steven's county has brought in their road crew and graded the north shoulder of the road slanting so the water will flow off the road and into the grass area along the road running west from LSH entrance (road 5) to before the LSH road 1A entrance.
- The road 1A entrance was graded, rolled and graveled by Bode's gravel on 6-22-20 .
- The Absolonson's driveway was graded, rolled and gravel applied at owner's expense on 6-22-20.
- A dry well just east of road 1A entrance and below the 5" Loon Lake Water district water main was dug and filled with rock to catch any water that is not absorbed into the grass area from the road preventing water to flow over road 1A and into the Absolonson's driveway or other near by lake homes.



S. Loon Lake Rd – LSH Road 1 Entrance. There is sewer (large circle), gas line and communications lines running down the road



The water damage and erosion caused by the May 30th thunderstorm flowing down road 1 and into the Absolonson's driveway.



This is a closer look at the erosion damage at the top of the Absolonson's driveway and the entrance of LSH entrance road 1 from S. Loon Lake road. This was caused from the major thunderstorm rainwater that flowed down S. Loon Lake road and into the first entry point the LSH road 1 entrance. Due to a berm along S. Loon Lake road the water could not flow off the road until the entrance to LSH entrance road 1. The water produced a flow of mud down the Absolonson's driveway and onto their lower deck.



Steven's county road crew removed the berm along S. Loon Lake road from our LSH entrance road 5 slanting the shoulder of the road to allow water run off into the grass all along S. Loon Lake road channeling the water onto the LSH grass area. Picture 1 shows this work

The second picture to the right shows the view from S. Loon Lake road left hand shoulder and the route that water will take away from the road and onto the grass area of the LSH. Grass seed will be planted this fall along the graded area. A drew well will be placed just above rd. 1 and below the LSH water main to catch any water that is not absorbed by the grass area.



The white circle indicates the location of the dry well. A hole will be dug and filled with rock for drainage.



The entrance to road 1 will be graded, rolled and 5/8 " black gravel will be applied for about 200 ft. This will repair the deep ruts at the entrance and potholes that have occurred. This should take care of any maintenance on this part of road 1. There is a lot of traffic on this part of road 1 due to construction as well as there are many homes that use this road.

Digging and Rock Filling LSH Road 1A Dry Well to Allow Rainwater Drainage to prevent road damage



Finished Lake Shore Homes Road 1A Entrance Dry Well – Dam to Prevent Water Damage



Grading Rolling and Graveling Repair of Gary Absolonson's Driveway



A drainage trench was dug near the end of Gary's driveway to provide a path for water to drain away from his lower patio area.

Grading, Rolling and Graveling LSH Road 1A Entrance



Finished Graded, Rolled and Graveled LSH Road 1A Entrance 6-22-20

