

10/08/17

Snow Fencing Proposal and Funding Request

The Road Committee would like to install snow fencing on Sirius Hill in North Glastonbury, at two major spots along Dry Creek Road and along Sagittarius Skyway in South Glastonbury.

We propose the following:

- To install 200 feet of wooden snow fencing along inner curve of the top of Sirius Hill where severe snow drifting occurs in North Glastonbury, to replace and augment existing fencing.
- To install 1,050 feet of wooden snow fencing on Dry Creek Road near the Route 89 intersection. Some will replace broken fencing. Most will be used as a second row behind the existing fencing to further stop snow from drifting onto Dry Creek Road.
- To install 200 feet of snow fencing on upper Sagittarius Skyway to deal with snow drifting past Sean Halling's driveway.
- To install 1,000 feet of snow fencing on Mountain Sky property near upper Dry Creek Road. This area lacks any snow fencing, and gets substantial drifting that the County cannot always tend to. We have permission from the owners to install fencing here, BUT it must be taken down every spring before the water pivots are set up.
- An alternative to snow fencing that works better, lasts longer and is easier to move, is a horizontal "snow barrier." These are often seen along Interstate 90 near Livingston.
- We would like to build four snow barriers. They would be 6 feet tall and 12 feet wide. Each section would be constructed with rough cut lumber. A full 2 x 6 would be used on all supports and a beefy 5/4 x 6 on all horizontal pieces. Lumber, screws, rebar and wood sealer would cost \$150.00 per unit. Jeff Riederer's labor to build them would cost \$100.00 per unit. Total cost would be \$250.00 per 12 foot section. These would be placed in pivot areas and on top of Sirius Hill on the adjacent Story Ranch property. Snow Barriers are easy to move with a tractor, and they will reduce conflicts with ranching work.
- The cost of 4 foot tall and 50 foot long rolls of wooden snow fencing is \$56.00. We would like to install 2,450 feet of snow fencing. The cost of the fencing is \$2,744.00

- 6 foot T-posts are \$4.00 each; we will need 245 posts. The cost of the posts is \$980.00.
- Snow Barriers are \$250.00 each. We would like to build four; 2 for NG and 2 for SG. They would cost \$1,000.00.
- Labor to install the fencing is estimated at \$1,000.00
- The total cost of our snow fencing proposal is \$5,724.00. The 2017 GLA Budget allocates \$2,295.00 per line item 1012 for snow fencing. Therefore we need \$3,429.00 in additional funding.
- Our GLA Treasurer has suggested that we allocate the extra funding from the general Snow Removal Budget, item 1000. Regina estimates that approximately \$10,000.00 will be left in the Snow Removal Budget, unless we are hit with an early and severe winter storm. We already have \$26,077.00, (Balance Sheet item number 016), in the Emergency Snow Removal Fund, which is 150% MORE than the total GLA Snow Budget for 2017.
- According to the National Highway Council in Washington, D.C., it cost approximately 100 times more to plow snowdrifts, than to use snow fencing to stop winter snow from drifting onto roads.