

Roads committee cont meeting 5-2-18 Approved

The meeting reconvened on May 2nd at 4PM at the location of the bank instability near Gregory Road.

Present: Sue MacKenzie, Karen Henry, Bret Ryan, Frank Bowles, Mike Smith, Scott Bailey was in attendance to represent the Highway Department, substituting for Steve Williams.

The committee toured the highly eroded bank areas adjacent to the road shoulder and also inspected three culverts along an approximately 400 ft section of River Road just south of the Gregory Road intersection. The middle culvert of the three culverts inspected was at the lowest elevation of the road section.

The three culverts appear to be in good shape, although the concrete on the downslope sides of the culverts have caused the culvert pipe to bend downwards.

There is a small berm formed by plowing and other road maintenance on the edge of the pavement to the west of the road. This berm has apparently been channeling surface water flow from the pavement - directing it to locations where the water can finally break over the small berm and flow onto the steep bank. The failed locations along the bank are downslope of the areas where the water broke over the berm. There is evidence of both rill type erosion, as well as mass movement of large blocks of soil (hummocks) downslope.

Based largely on Bret Ryan's recommendations, and in coordination with Scott Bailey, the Committee made the following recommendations:

1. Remove the berms from the edges of the pavement and shoulder (road grader).
2. Shape the bank along the roadside to make the banks less steep, and relocate any soil removed to another location (best alternative is to use it as a subbase to other roads in town that need elevating).
3. Place rip rap on top of the newly formed slopes.
4. Remove failed concrete headwalls on the downslope sides of the culvert.
5. Clean ditches and relocate ditch soil (per #2 above).