



Policy Name

Road Stabilization Policy for New and Re-graded Road Construction

Policy Number

PW - 23

Policy Statement

Brazeau County recognizes that in certain circumstances, when mechanical methods of road stabilization prove to be inadequate, replacing undesirable soil with a desirable soil is not possible or too costly, and/or the demands for the use of the road require a superior road structure, the need to add a road stabilizer product to the base of the road may be necessary. For the purpose of this policy, the intended use of road stabilizing agent is to improve the density and stability of the base of the road, water proof the road, control erosion and/or decrease aggregate replacement costs.

Policy

Public Works and Infrastructure, at the discretion of the Director of Public Works and Infrastructure or his designate, will determine such roads including local, collector and arterial that may require the addition of a road stabilizer product to help bind loose soil or aggregate particles together to strengthen and water-proof the soil/aggregate matrix. The application of road stabilizer for the purpose of increasing road stability and decreasing the cost of replacing poor road soils is applied by tilling the product into the road bed at a depth of 6" to 12" and then compact it. Due to the availability of reasonably good road building materials, most newly constructed or re-graded roads in the County meet compaction and stability standards without the costly application of the deep mixing in of these stabilizer products. In addition to increasing the strength and durability of a road base, soil/base stabilizers may also control dust if an additional top coat is applied. Not all products do both.

The application of Road Stabilization products will only be done on new construction, when conventional methods of road construction prove ineffective. Stabilization on existing re-graded roads will be undertaken at the discretion of the Director of Public Works, his designated or as directed by Council.

County Manager: _____
Approved By Council: 89/03/23
Revision Dates: 07/09/18; 07/04/10; 02/06/17; 98/05/14; 97/04/10; 94/04/27; 90/06/14; 15/12/01