



Township receives significant time and cost savings with Tensar® InterAx™ geogrid solution

Tensar®

CLIENT'S CHALLENGE

A gravel road in Hamilton Township, Ontario needed repair with school buses, garbage trucks, and local vehicle traffic experiencing poor riding conditions on the road. DCP testing showed soft areas underneath the road with CBR values as low as 1.9%. The township's original plan was to excavate 600 mm of poor subgrade, place a woven fabric, and backfill with new aggregate.

TENSAR SOLUTION

Tensar provided the township with a range of solutions showing a comparison of different sections. These options included designs using geotextile fabric, biaxial geogrid, TriAx™ geogrid, and Tensar's new InterAx™ geogrid. The option using Tensar NX750 InterAx™ geogrid was chosen because it required the least amount of excavation. Using NX750 allowed the township to complete construction in half the time while saving 40% of cost compared with the original design.

Canning Road Reconstruction



Hamilton Township, ON

Installed by Township Roads Crew

Installation: September 2021

Product: NX750

Using Tensar NX750 InterAx™ geogrid allowed the township to squeeze this project into a very busy construction season while realizing significant cost savings.

