



Bloomington Road Expansion

Project:

Bloomington Road Expansion – 3 lanes to 5 lanes

Contractor:

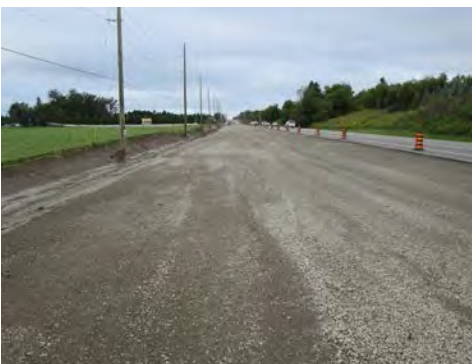
KAPP Contracting Inc.

Challenge:

Expand the existing road surface whilst building a large French Drain underneath the roadway, AND reinforce the compacted basecourse above it.



TBX3000 in place supporting the French drain built underneath sub-base.



Compacted Basecourse supported by TBX3000



Completed Eastbound lane expansion

Solution:

The TBX3000 biaxial geogrid was employed to ‘wrap’ and support the clear stone drainage layer (filtered by 270R non-woven geotextile). Once wrapped, the top horizontal overlapped surface of the TBX3000 was used to interlock and confine the sub-basecourse Granular B aggregate in a typical sub-base reinforcement application. Note the use of zip ties to maintain the overlap of successive sections; a typical installation technique. The basecourse was successfully compacted to the required density, and the road was completed to its final 5 lane width shortly thereafter.