



Tensar InterAx geogrid reduces backfill by half and mitigates long-term settlement of subdivision roads



Mount Royal Estates

 Cranbrook, British Columbia

CLIENT'S CHALLENGE

Following original construction of the subdivision, excessive settlement of fills occurred resulting in the need to reconstruct roadways and repair underlying infrastructure.

City of Cranbrook
Owner

TENSAR SOLUTION

Tensar NX750 geogrid was selected to enable construction over **very soft, saturated soils** and to enhance long-term performance. Benefits of the InterAx solution were its ability to immediately bridge over the subgrade and provide a stronger base for compaction. It also **reduced the depth of removals and backfills by half**, decreasing construction time, materials, and cost. Future benefits include reducing long-term settlement and deformation including lateral cracking of the asphalt surface over time..

McElhanney
Engineer

BAD Ventures, Ltd.
Contractor

Installation: August 2021

Product: NX750™

Quantity: 5,000 m²

