




## Tensor® InterAx™ geogrid saves time when subgrade soils are soft.

### New Industrial Park, Building, and Loading Areas

 Vaughan, ON



### CLIENT'S CHALLENGE

The site had soft soils (18.6 MPa resilient modulus) in the area where the parking and loading areas would be constructed. If the specified pavement section was built over this soft subgrade, the calculated drop in performance would be 75% compared to building the section over a competent subgrade. Excavation and removal of the soft soil was considered too expensive and time consuming. The engineer contacted their local Tensor sales representative for a solution using geogrid.

### TENSAR SOLUTION

Digging out the soft soil and replacing it with additional 50mm minus crushed limestone would have nearly doubled that lift from 350mm to 650mm. Instead, Tensor designed a solution with NX750™ geogrid underneath that worked without any additional undercut from the original design.

Installation: October 2021

Product: NX750

Value: Use of InterAx™ geogrid allowed for 30% faster construction and 25% cost savings compared to additional undercut and fill.

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