



## Find hidden value by designing with Tensor+ and InterAx™ geogrid.

## NDOT US-385

 Angora, NE

### CLIENT'S CHALLENGE

Extremely weak soils (CBR <0.5%) were encountered during construction of a highway embankment. Additionally, the subgrade soils consisted of saturated silty clay with a high water table, and the site was located a long distance from a high quality aggregate source. Designs consisting of 42"+ of imported material with multiple layers of geosynthetics and geogrids were proposed.

### TENSAR SOLUTION

Tensor engineers used Tensor+ design software to produce a design consisting of 35" of clean sand placed ovetop of one layer of Tensor® NX850™ geogrid. Using the on-site borrow material saved the customer from having to import aggregate from far off-site, and total savings numbered several millions of dollars.

IHC Scott  
**Contractor**

NDOT  
**Engineer**

Installation: 2021  
Product: NX850

Value: Several millions of dollars saved by reducing material and hauling costs.

