



## Find a solution to any condition with Tensor® InterAx™ Geogrid.

### SITE CHALLENGE

The site consisted of variable cohesive soils with high water content and sensitivity to New York's intense freeze-thaw cycles. Durable working surfaces were needed to support construction traffic at this horizontal directional drilling site. Solutions were needed for three design cases; general traffic areas, heavy haul roads (dump truck and others hauling concrete vaults and wire reels), and heavy loads of gantry cranes (up to 284 kips).

### TENSAR SOLUTION

Tensor engineers used Tensor+ and the USACE's PCASE design software to develop optimized solutions for each of the three design cases outlined above. InterAx™ Geogrids were used in single and multi-layer working surfaces to address multiple subgrade strengths for each design case. The comprehensive design package allowed the client to choose the best fit design option based on each subgrade condition, their respective load demands, and project economics.

## CHPE - Champlain Hudson Power Express



Whitehall, NY

Transmission Developers

**Owner**

Kiewit

**Civil Engineer**

Kiewit

**General Contractor**

Installation: 2022/2023

Products: NX850 – 60,000 SY

