



Stay above the mud with Tensor® InterAx™ Geogrid underneath.

CLIENT'S CHALLENGE

Poor soils were encountered in March/April of 2022 where construction vehicles were getting stuck. Articulated haul trucks caused rut depths of around 24". Test pits were conducted, and poor soils went on for several feet. The only options were either to dig out or bridge over the soft soils.

TENSAR SOLUTION

This site needed to be addressed immediately, so Tensor® designed a test section of 6 oz. nonwoven fabric / NX850 Geogrid / 12" CA-1 / NX850 Geogrid / 6" CA-6 and it worked well. There were other areas that were in worse condition, so the initial lift of CA-1 was increased to 18". This design helped bridge over the soft soils versus undercutting and hauling away more than 5 feet of material. This saved the contractor time and money and allowed the building construction to proceed in a timely manner.



Waste Management Truck Maintenance Facility



Grayslake, IL

Waste Management
Owner

Eriksson Engineering
Civil Engineer

Testing Service Corporation
Geotechnical Engineer

Turner Construction Company
General Contractor

Lima Contractors, Inc.
Sub-Contractor

Installation: 2022

Products: NX850 – 8,450 SY

Value: Estimated savings of approximately \$100,000 (~\$16/SY) compared with traditional construction methods.

