

Tensor® InterAx™ geogrid saves cost while boosting rigid pavement performance.

CLIENT'S CHALLENGE


Poor subgrade soils (CBR=1.2%) prompted the engineer to seek a stabilization method that would ensure the performance of a proposed rigid pavement section.

TENSAR SOLUTION

Tensor designed an 18" thick aggregate section stabilized with two layers of Tensor® NX850™ geogrid placed at 4" and 14" of depth. This design reduced the required aggregate material by half. In addition to providing time and cost savings by reducing excavation and backfill, the Tensor design provided a 40% performance increase to the 10" thick rigid pavement that was built on top of the CA-6 aggregate.



Streamwood Fire Station No. 33

 Streamwood, IL

Allesio & Sons Co.
Contractor

Installation: October 2021
Product: NX850

Value: InterAx geogrid improved pavement performance using only half the material, saving time and money.

