



# Tensor® InterAx™ geogrid handles heavy traffic with ease.

## Newton County Landfill Haul Road

 Brook, IN

### CLIENT'S CHALLENGE

An existing asphalt pavement section (6.5" asphalt on 18" aggregate) designed to handle 18 kip axle loads failed due to trafficking by 42 ton articulated dump trucks. Saturated clay subgrade and drainage were also concerns on-site.

Ryan Central  
**Contractor**

Weaver Consultants Group  
**Engineer**

### TENSAR SOLUTION

Tensor designed a two-layer solution consisting of 6" of No.53 stone stabilized with Tensor® NX850™ geogrid on top of a 12" thick lift of No. 2 stone stabilized with Tensor® NX850-FG™ filtergrid. This stabilizing section used the same thickness and type of aggregate underneath the asphalt as the original design, but the two layers of InterAx geogrid provided the necessary extra boost in performance. This solution was designed for a 20-year life, or 730,000 (100 daily) total passes of CAT 740 EJ articulated haul dump trucks.

Installation: October 2021  
Product: NX850, NX850-FG

Value: Cost and time savings paired with long-term performance. 16" of undercut and fill saved compared with traditional unstabilized construction methods.

