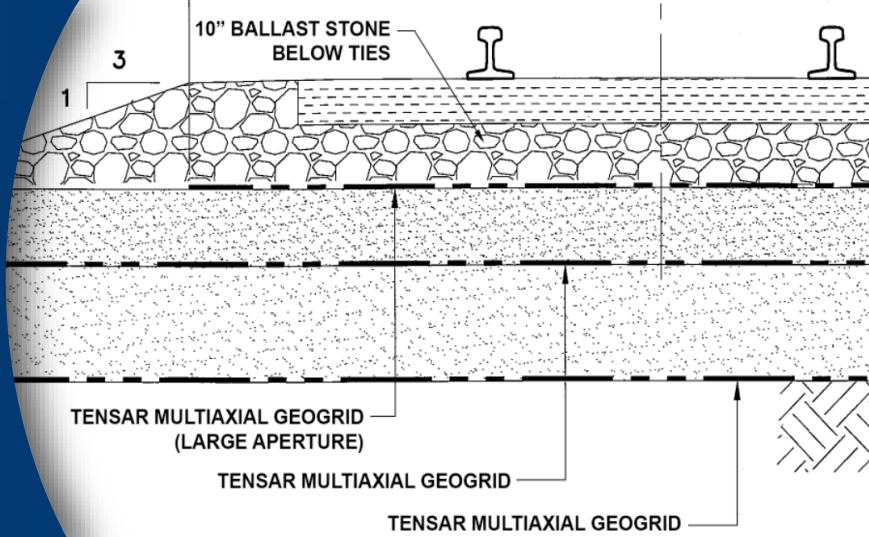


Tensar® saves you time when you can't afford to wait for lime.



High-Profile Class 1 Rail Shipper

Mont Belvieu, TX

CHALLENGE

The client needed immediate rail access to another part of their facility due to capacity expansion and congested rail traffic at the existing switch. The project was already behind schedule and had a very short track construction window because railroad construction forces were scheduled to make the tie in. The track section was to be constructed over very soft soils that included a significant cut and then was to be replaced with lime treated structural fill. Tensar received an urgent call late one evening to see if we could assist with their project since they lacked the time required for the lime to cure.

TENSAR SOLUTION

Tensar proposed a three-layer design using two different multiaxial geogrids: one for subgrade stabilization in lieu of lime and for sub ballast reinforcement, and another with larger apertures for ballast reinforcement. The design had to be approved by the owner, Wilson/Company, SNC Lavalin, Benesch, Hanson, Fugro, the class 1 railroad, and Force Corporation. This solution can be designed using the rail module in Tensar+.

RESULTS

The owner was ecstatic that Tensar was willing to go the extra mile to solve a complicated problem. This project went to the senior level of both the owner and railroad for approval. The owner and other parties were impressed with the Tensar solution's performance.

Tensar®

A Division of CMC

PROJECT DETAILS

Installed by:
Force Corporation

Installation:
May 2019

Products:
Two Multiaxial Geogrids



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