



## TENSAR GEOGRID CASE STUDY

- Project:** FM 549
- Location:** FM 549 south of IH 30 in Rockwall Co. Rockwall, TX
- Installation Date:** February/March 2006
- Owner:** Texas Department of Transportation - Dallas District
- Engineer:** Texas Department of Transportation - Dallas District
- Contractor:** Austin Bridge & Road  
Dallas, TX  
Brock Paving  
Roanoke, TX
- Product:** Tensar BX1100
- Quantity:** ≈ 20,000 SY
- Application:** Subgrade improvement measure beneath flexible pavement to aid in mitigating longitudinal cracking due to expansive subgrades.
- Pavement Section:** 4" – ACC  
16" – Cement Treated Flexible Base  
1 layer – Tensar BX1100  
Compacted, Untreated Subgrade

