

# TriAx® GEOGRID INSTALLATION

## 1 PREPARE SITE

- Clear, grub and excavate (if necessary) to the design subgrade elevation, stripping topsoil, debris and unsuitable material from the site. For very soft soils, it may be beneficial to minimize subgrade disturbance and leave root mats in place.
- Smooth grade and compact the soils using appropriate compaction equipment.

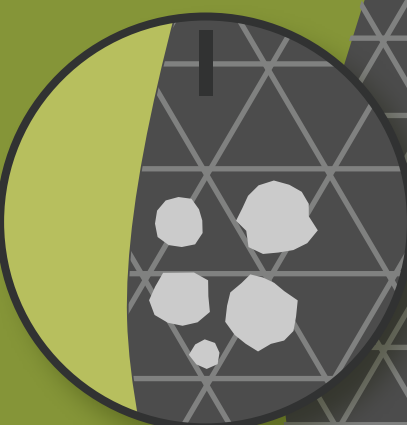
## 2 ROLL OUT GEOGRID

- Unroll the geogrid in the direction that aggregate will be spread.
- Overlap ("shingle") geogrids in the direction away from the fill placement so that aggregate will not pick up the overlap.
- Cut and overlap the geogrid to accommodate curves. Cut with field shears.



## 3 TRIAX INSTALLATION

- Anchoring/pinning is not required most of the time, but if needed, piles of aggregate, pins or staples can be used to help position the geogrid.
- Geogrid can be held in place by small piles of aggregate, pins, or staples.
- Pull the geogrid taut by hand to remove wrinkles and slack.



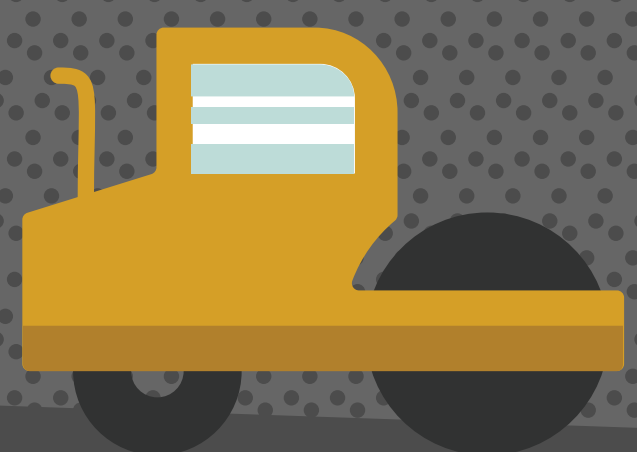
## 4 DUMP & SPREAD FILL

- Do not drive tracked equipment directly on the geogrid.
- Ensure at least 6 in. of aggregate fill is spread between the geogrid and tracked equipment.
- If the subgrade does not rut under truck traffic, rubber-tired equipment can operate directly on the geogrid. **Avoid sharp turns.**



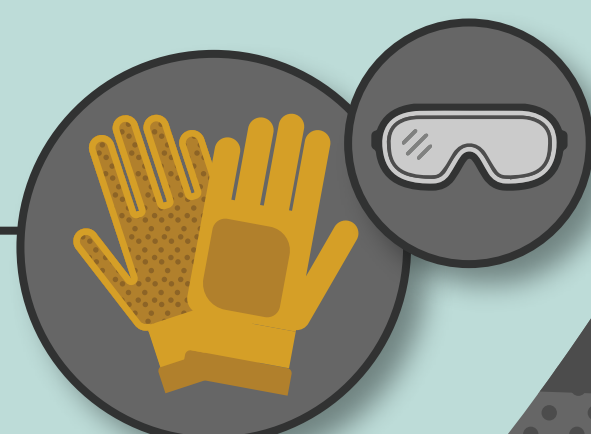
## 5 COMPACTING

- Standard compaction equipment may be used.
- Compaction efforts and initial lift thicknesses can vary based on project need. Tensar can provide site assistance to help assess your project needs.



### SPECIAL NOTES:

- Gloves and safety glasses should be worn when handling and cutting.
- Trenching through the geogrid does not ruin its benefit.



## WHATEVER YOUR PROJECT, WE CAN HELP

For more than 30 years, Tensar's innovative ground stabilization solutions have proven ideal for many kinds of construction and subgrade improvement projects, including paved and unpaved roads, parking lots, airfields, heavy duty pavements and working platforms. We also offer full technical support including design software, expert advice and site assessments.

**To find out more: Call 800-TENSAR-1  
or fill out an Online Design Request Form ([www.TensarCorp.com/Design](http://www.TensarCorp.com/Design))**