




Observed Subgrade Condition		Subgrade Improvement Method			
Visual Subgrade Conditions	CBR Equivalent	Overexcavation	AASHTO M288 Class 1 Geotextile	TX130S Geogrid	TX160 or TX190L Geogrid
Below is the depth of cut/fill necessary for an improved subgrade condition					
Man Leaves 3" Footprint 	0.5% CBR	41"	35"	29"	24"
Man Leaves 1" Footprint 	1% CBR	28"	22"	17"	12"
Pick-Up Truck Leaves 1" Tire Rut 	2% CBR	23"	18"	13"	8"

The conditions shown on this card are considered typical and should apply to many field situations, however, they may not be applicable to your specific situation. When working in extremely wet or silty subgrade conditions, TriAx FilterGrid should be considered. For additional assistance, please contact or your Tensor Account Rep John Bolton by calling (704) 904-1265, email jbolton@tensarcorp.com or call Tensor (800-TENSAR-1).

What are your subgrade conditions?

Are you having to perform any undercut?

Do you have any pavement sections of 3" asphalt and 8" ABC or greater?

If yes, to any of these questions, please call:

800-TENSAR-1

**Additionally, contact your Tensar
Account Representative John Bolton:**

Cell: (704) 904-1265

Email: jbolton@tensarcorp.com

Cost Conversion Card

Installed Aggregate Cost (\$/SY)

In-Place Cost of Aggregate Base (\$/ton)

Compacted Aggregate Base Thickness (inches)		\$20.00	\$30.00	\$40.00
	1"	1.00	1.50	2.00
6"	6.00	9.00	12.00	
12"	12.00	18.00	24.00	

Assumed unit weight of aggregate: 133.33 lbs/ft³

HOW TO USE THIS CHART: If you have 12" of Aggregate and your installed cost is \$20/ton, then a 10,000 square yard project will cost \$120,000.

WHY IT MATTERS: If using TriAx Geogrid was able to reduce your base requirements to 6", then your cost savings would be \$60,000.