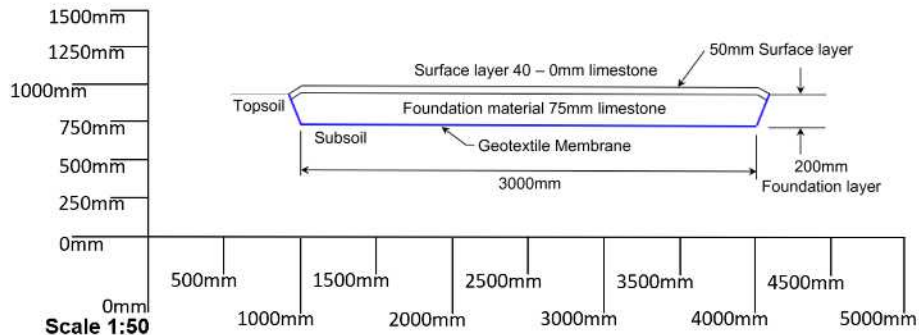


# Farm Trackway – Design and Construction

## Cross section Design



### **Geotextile**

A geotextile is a synthetic porous fabric used to separate the foundation layer from the ground underneath. It prevents the stones from becoming mixed with the soil and vice versa. The geotextile keeps the roadway foundation layer material clean, free-draining and therefore dry and strong. Farm roadways can suffer considerable deformation in use and the role of the geotextile in this situation is to provide physical support, as well as separation.

### **75mm Limestone**

Carboniferous locally quarried limestone. This is a hard and durable material which is frost resistant and commonly used as a hardcore material or to help stabilise wet or boggy ground.

### **Crushed Limestone 40-0mm**

High quality crushed and graded limestone is a product which is generally used for road & track.

## Construction

- Scrape back topsoil at 3m wide and 200mm deep.
- Overlay the area with a permeable geotextile membrane.
- Back fill with 75mm limestone to a depth of 200mm and compact it.
- Finish the top of the track with a finer material (of 40mm to 0mm) to a depth of 50mm and compact it.