

## Chapter 31

### Geosynthetic Design

The following are changes, additions or deletions to the January 2014, Topic #625-000-007, Plans Preparation Manual (PPM), for use on Turnpike projects only.

#### 31.4.2 Requirements

*Replace the follow variables*

**2. Allowable Tension:**

$T_{ult}$	=	Ultimate wide-width tensile strength of a geosynthetic per ASTM D 4595
$T_{creep}$	=	Serviceability state reinforcement tensile load based on minimum 10,000 hour creep tests per ASTM D 5262

*Replace the follow sentence*

**3. Soil Reinforcement Interaction:**

The Coefficient of Interaction,  $C_i$ , is also known as the “Soil-Geosynthetic Friction” on the Standard Index 501.