

## Chapter 31

### Geosynthetic Design

The following are changes, additions or deletions to the January 2003, Topic #625-000-007, Plans Preparation Manual (PPM) - English, for use on Turnpike projects only:

#### **31.5.2 Requirements** *follows*

*Revise Section as*

##### **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

##### **3. Soil Reinforcement Interaction**

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