

Chapter 31

Geosynthetic Design

The following are changes, additions or deletions to the January 2013, 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.