



INDIANA DEPARTMENT OF TRANSPORTATION

Geotechnical Services Section
120 South Shortridge Road
Indianapolis, IN 46219

PHONE: (317) 610-7251
FAX: (317) 356-9351

Eric Holcomb, Governor
Joe McGuinness, Commissioner

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GEOSYNTHETIC MATERIALS

Geosynthetic materials are polymer based products. Geosynthetic materials include geotextile, geogrid, geomembrane, and geocell confining systems. Geosynthetic materials must complete the National Transportation Product Evaluation Program (NTPEP) audit process. Geogrid, geomembrane, and geocell confining system (GCS) must be tested by a NTPEP approved laboratory. Geosynthetic materials approved for Indiana Department of Transportation (INDOT) use shall be in accordance with INDOT Standard Specifications, Section 918.

The producer/manufacturer shall follow Indiana Test Methods, ITM 806 and ITM 804. Vendors submitting geosynthetic materials shall also provide information required by ITM. The test results must meet or exceed the requirements listed in INDOT Standard Specifications, Section 918. Specifications have the potential to be revised. Please check 918 Recurring Special Provisions regularly for current requirements. When submitting an application for a geosynthetic material to be added to the INDOT approved materials list, the dated report from NTPEP may be no more than three years old.

During construction, the Contractor shall be selecting materials from the Geosynthetic Materials Approved Materials List. All of these materials shall be from an approved material source.

ITM and Geosynthetic Material Approved Material List information is available at the Office of Materials Management and Office of Geotechnical Services website. The required information shall be submitted to:

Mr. Athar Khan, PE
Manager, Office of Geotechnical Services
120 South Shortridge Road, Indianapolis, Indiana 46219.
317 522-9717
AtKhan@indot.in.gov
Or

Mr. Nayyar Siddiki, MSCE. PE
Supervisor, Geotechnical Construction and Technical Support
120 South Shortridge Road, Indianapolis, Indiana 46219
317 522-9723
NSiddiki@indot.in.gov
Or

Ms. Victoria Leffel
Geologist, Office of Geotechnical Services
120 South Shortridge Road, Indianapolis, Indiana 46219
317 522-9720
vleffel@indot.in.gov