



INDIANA DEPARTMENT OF TRANSPORTATION

Geotechnical Services Section
120 South Shortridge Road
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Eric Holcomb, Governor
Michael Smith, 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 Division of Materials and Tests and Geotechnical Engineering Division website. The required information shall be submitted to:

Mr. Athar Khan, P.E.
Director, Geotechnical Engineering Division
120 South Shortridge Road, Indianapolis, Indiana 46219.
Phone: (317) 522-9717
Email: AtKhan@indot.in.gov
Or

Mr. Nayyar Siddiki, P.E.
Manager, Geotechnical Construction and Technical Support
120 South Shortridge Road, Indianapolis, Indiana 46219
Phone: (317) 522-9723
Email: NSiddiki@indot.in.gov
Or

Mr. Sam Clawson
Geologist 1, Geotechnical Engineering Division
120 South Shortridge Road, Indianapolis, Indiana 46219
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