



Pavement Design

What is Pavement Design?

Our team specializes in geosynthetic design for all paved and unpaved applications. The most important function of the pavement is to withstand the load applied from a vehicle such as a truck or an aircraft, without deforming excessively. Since water can be detrimental to a pavement, a basic necessity of designing a proper pavement is to provide adequate drainage for both surface and subsurface water. In unpaved applications, we help you discover the optimal way to enhance your subgrade and base material via geosynthetics.

What are the benefits of our Pavement Design services?

We break down a pavement design into components such as the wearing course, base course, and subgrade, while helping you determine the best way to build each of these sections. Take control and reduce cost by as much as 20 percent, improve construction speed, and provide profitable solutions by saving on recurring expenses using geosynthetics on your next roadway, pavement, and site stabilization project.

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When it comes to civil sitework project challenges, a clear path for determining your optimal solution can be cumbersome. The myriad of pavement & site stabilization, erosion & sediment control, stormwater, and grade separation solutions has become overwhelming. At GeoSolutions, we believe you deserve a team of registered professionals, industry-leading innovators, and access to proven solutions to provide you and your clients with the clarity and confidence needed to improve timelines, budgets, and reputations. **Request information on how we can help advise and optimize your next civil sitework project today!**
