



PROJECT LOCATION: Florida Power and Light Properties, Florida

PROJECT SCOPE

The Presto Geoweb® Load Support System offered a load distribution system on two low water crossings for Florida Power & Light. With FDOT #57 stone (crushed limestone) infill, the system creates a stable mat to support FP&L's line trucks over wet, soft soil areas.

The Geoweb system creates a permeable pavement capable of supporting vehicular loads over non load-supporting soils and functions as a storm water retention system. The system offers high environmental benefit with low environmental impact.



GEOSYNTHETIC COMPONENTS

- Geoweb GW20 6-inch depth
- Geotextile separation layer

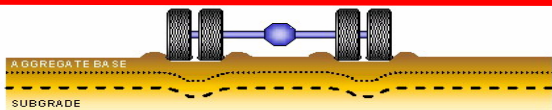
GEOWEB® LOW WATER SYSTEM ENVIRONMENTAL BENEFITS

With aggregate infill, the system:

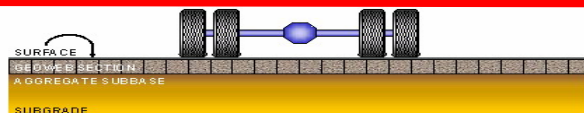
- Confines granular infill, significantly improving load distribution.
- Reduces storm water runoff, promoting groundwater replenishment.
- Functions as a natural storm water retention system, allowing water to fill the aggregate voids and permeate into the existing ground.

Other Benefits:

- Cell wall perforations facilitate lateral cell-to-cell drainage beneath traffic areas, resulting in better performance over saturated soils.
- Stability of the pavement surface translates to a reduction in maintenance costs.
- Controls shearing and lateral movement of infill material.
- Supports the weight of vehicles and greatly reduces the compaction of underlying soils.



UNCONFINED GRANULAR PAVEMENT SYSTEM



THE GEOWEB GRANULAR PAVEMENT SYSTEM



FOR MORE INFORMATION: Presto Geosystems Ph: 800-548-3424; 920-738-1707 www.prestogeo.com
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