

GEOWEB®

PERMEABLE AGGREGATE ROADS



EGLIN AIR FORCE BASE Valparaiso, FL

Permeable Aggregate Roads Prevent Washouts; Minimize Environmental Impact.

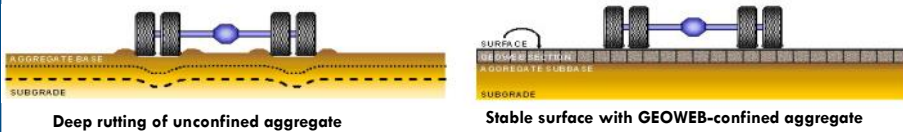
Presto Geosystems' **GEOWEB® Load Support System** provided a low-maintenance, permeable roadway through the Eglin Air Force Base grounds. The gravel-filled roadway, measuring 30 ft. wide and 4,000 ft. long, replaced a dirt road that had experienced significant sediment loss into a nearby creek from washout. The environmental impact of the increased sediment load endangered the protected fish species, the "Okaloosa Darter".

Project Design Criteria

- Create a permeable, stabilized roadway surface to support base traffic loadings.
- Control & minimize surface rutting and storm water runoff.
- Comply with ecosystem management goals of land management and natural resources.

BENEFITS of GEOWEB®-Confined Aggregate

- Prevents shear failure and both lateral and vertical movement of the infill material.
- Creates a stiff load distribution system that prevents infill movement and deep rutting from vehicle and equipment access stresses—even over soft, wet ground.
- Reduces structural support systems 50% or more. Over soft ground, a single GEOWEB layer can accomplish that of 2-3 layers required by geogrids.
- Confined infill requires virtually no surface maintenance.
- Safe & easy to install with field crews and no need for heavy equipment.
- A low-environmental impact solution for environmentally-sensitive areas.



Ideas that will work for your Project?



Request **FREE** Project Evaluation

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