

# GEOWEB®

## Cellular Confinement Technology for Transmission Facilities



### Electrical Substation Worker SAFETY

#### Reduce Step and Touch Hazards

It is well established that aggregate surfaces are the norm for pavements surrounding electrical equipment in substations.

Open-graded base course (OGBC) offers low conductivity for step-and-touch conditions for workers, protecting them from ground grid related dangers. The high permeability of OGBC aggregate eliminates arcing between high voltage lines and the paving surface—or worse between the facility and the workers.

.....HOWEVER, the problem with OBGC as a surface is that vehicles cannot access without shoving and rutting the unstable, poorly graded material.

### SAFE & STABLE Pavement Solution for Substation Access

Over 70,000 substations serve 350+ million customers in the USA.

GEOWEB geocells offer a safe and low-maintenance solution for stabilizing aggregate surfaces in those substations.

[prestogeo.com](http://prestogeo.com)

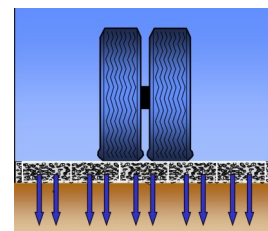
### GEOWEB® 3D Geocell Soil Confinement Technology

Presto's GEOWEB 3D Soil Stabilization System effectively confines OGBC material, stabilizing the pavement surface and reducing maintenance for vehicle areas in substations. GEOWEB roads and pavements support heavy vehicles & equipment with a single layer.

#### Non-Conducting Materials & High Infiltration

Both GEOWEB sections and their ATRA® Key connections are all materials made from inert, non-conducting high density polyethylene (HDPE)-eliminating all metal from the surface stabilization solution.

With OGBC material infill, the GEOWEB system offers excellent infiltration and drainage qualities to assure no water build-up in the aggregate pavement. Water drains easily through the system into the subgrade reducing the conductivity of the paving system and eliminating step and touch hazards.



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### Low-Environmental Impact Access ROADS

#### Maximum Surface Stability Minimum Environmental Impact

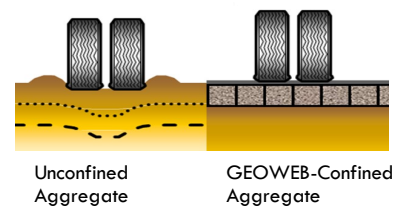
Site access roads over soft ground and through environmentally-sensitive areas are possible with the GEOWEB 3D confinement system. Easy to build with low cost, locally-available fill, GEOWEB roadways offer economical access for building or maintaining power companies' transmission lines. Compact sections are easy to deploy and install-even in remote areas.

GEOWEB materials are inert, so the roadway materials do not leach into environmentally-sensitive areas-or degrade in wet or muddy areas. Heavy equipment is not required, so installation is safe for workers.



### GEOWEB® 3D Soil Confinement Technology for Access Roads

Confinement of infill materials allows access over soft soils where other reinforcement may require deeper, more costly base materials. Building roads with the GEOWEB system may also reduce aggregate pavement depth requirements 50% or more.



### Fast, Economical Site Access

GEOWEB Roads are an ideal solution for power companies to meet site access challenges.

Ideas that will  
work for your  
Project?



Request **FREE**  
Project Evaluation

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