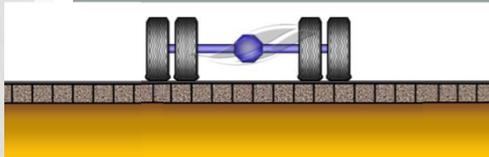
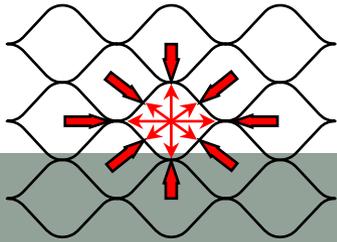
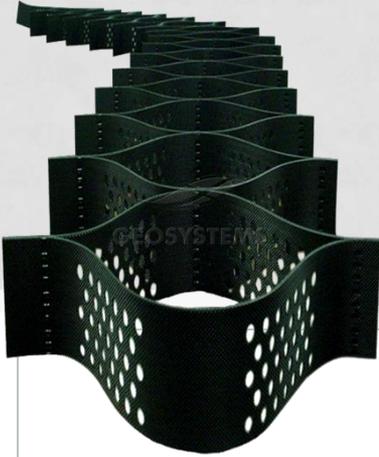




Load Support
Project Pictorial

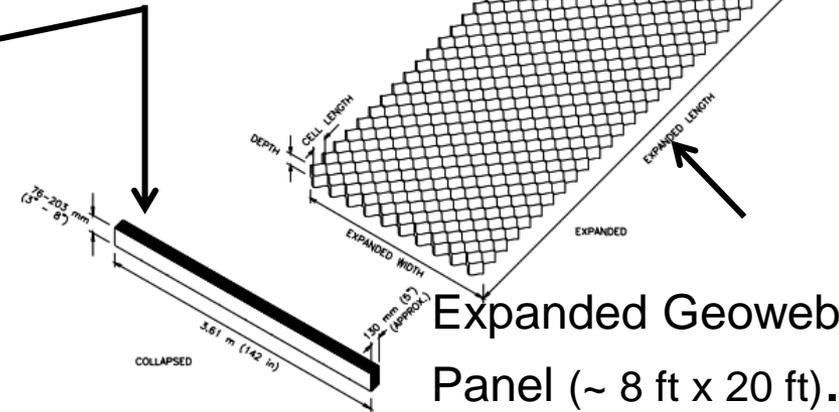
GEOWEB® Facilitates Cost Effective Porous Parking Lot Renovation.



The GEOWEB® with aggregate infill promotes runoff infiltration & storage, and is a cooler and economical pavement with no traffic frequency restrictions.



Palletized
Unexpanded
Geoweb Panels.



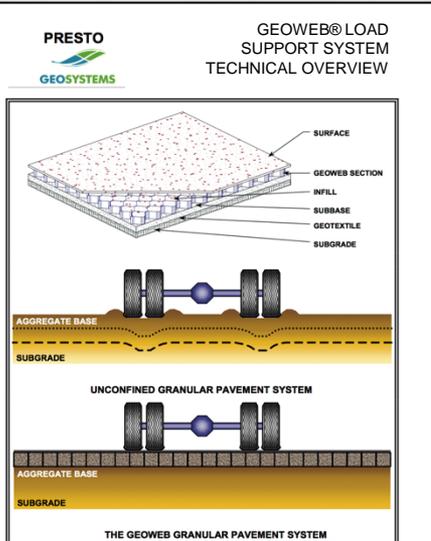
Expanded Geoweb
Panel (~ 8 ft x 20 ft).

Geoweb panels are shipped pallets unexpanded and then expanded at the time of installation to cover a large area with cost-effective shipping costs.

Guidance for the base depth is provided in Presto Geosystem's "GEOWEB® LOAD SUPPORT SYSTEM TECHNICAL OVERVIEW".



You can also take advantage of Presto Geosystem's experience and design support by using their complimentary project evaluation service for your Geoweb project.



PRESTO GEOSYSTEMS
670 N Phoenix Street, Appleton, Wisconsin, USA 54914
Ph: 920-738-1707 or 800-548-3424 • Fax: 920-738-1222
e-mail: info@prestogeosystems.com www.prestogeosystems.com
GWSL1518

PRESTO
GEOSYSTEMS

GEOWEB® LOAD
SUPPORT SYSTEM
REQUEST FOR PROJECT
EVALUATION

For preliminary evaluation, complete this form and return to Presto Geosystems. Items marked with * are required to proceed with a preliminary evaluation.

Project Information

*Project Name _____
*City _____ *State/Province _____
*Country _____ Estimated Geoweb® Area _____ m² (ft²)
*Describe problem to be solved by the Geoweb system: _____

Person Requesting Information

*Relationship with Project (check one)
 Primary Consulting Engineer Sub to Primary Consulting Engineer
 Primary Architect Sub to Primary Architect
 Primary Contractor Sub to Primary Contractor
 Project Owner Other (explain) _____
*Company _____
*Contact Name _____
*Address _____
*City _____ *State/Province _____ *Zip/PC _____
*Phone _____ *Fax _____ Email _____

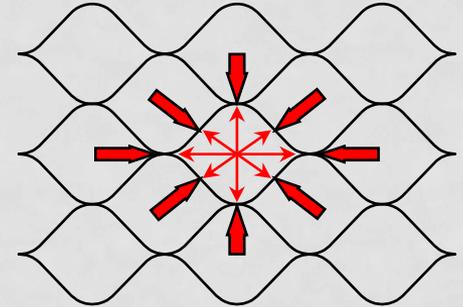
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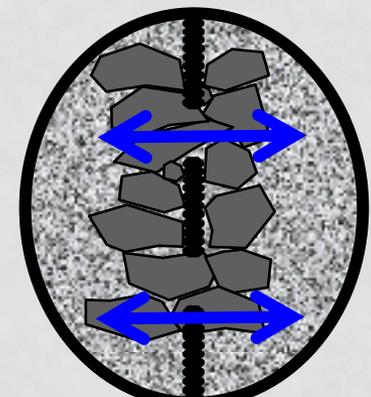
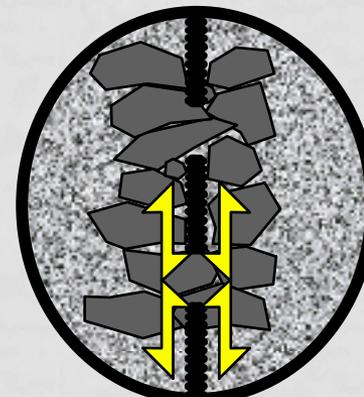
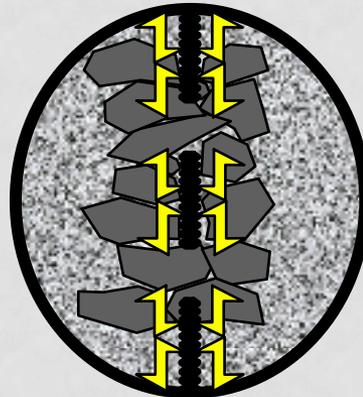
The existing unconfined gravel parking lot, after years of compaction, had developed ponding and runoff issues.



Load Support



For surface stabilization, the Geoweb structure distributes loads laterally, minimizing contact pressures on the subgrade.



Geoweb cell walls are both textured and perforated, providing: 1. Optimum cell wall/infill interface friction, 2. Enhanced infill interlock and load transfer between cell wall and infill and 3. Cross cell water flow.

GEOWEB Gravel parking: Site is prepared per the GEOWEB Load Support System Installation Guideline.



Subgrade is smooth graded



Geotextile is deployed



Sub-base stone is placed



Stone is spread smooth

GEOWEB panels are expanded and put into place on prepared surface.



Multiple Geoweb panels are deployed and stapled together to create one monolithic structure.



A new innovation since this project, ATRA keys are 3X stronger and faster than stapling.

Prutek GEO SYSTEMS

TURNING INNOVATION IN CONSTRUCTION TOOLS

The ATRA Key is a revolutionary new tool designed to connect Geoweb panels together. It is a simple, easy-to-use device that allows for faster installation and a stronger, more secure connection between panels. The ATRA Key is a game-changer for geoweb applications, providing a faster and more efficient way to connect panels than traditional stapling methods.

ATRA KEY GEOWEB CONNECTION DEVICE

FIVE KEYS to COST SAVINGS

- 1. EQUIPMENT SAVINGS** - Eliminates the need for a stapler, saving on equipment costs and reducing the weight of the installation crew.
- 2. LABOR SAVINGS** - The ATRA Key is a simple, easy-to-use device that allows for faster installation and a stronger, more secure connection between panels.
- 3. ACCESSIBILITY AND PORTABILITY** - The ATRA Key is a simple, easy-to-use device that allows for faster installation and a stronger, more secure connection between panels.
- 4. SAFETY** - The ATRA Key is a simple, easy-to-use device that allows for faster installation and a stronger, more secure connection between panels.
- 5. LONGEVITY** - The ATRA Key is a simple, easy-to-use device that allows for faster installation and a stronger, more secure connection between panels.



Infill is placed onto expanded GEOWEB sections.

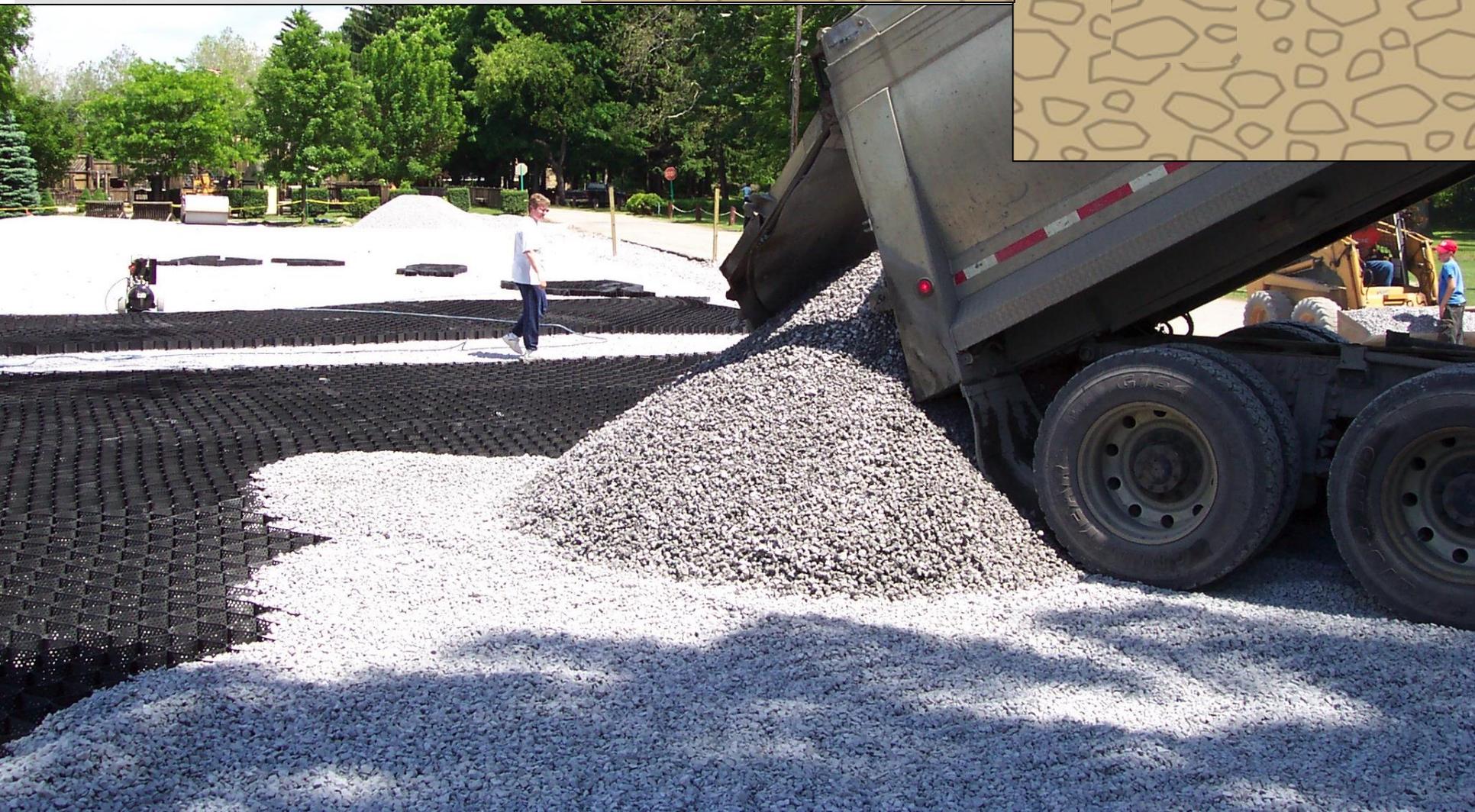
Geoweb 3D confinement increases the effective structural number, reducing fill depth requirement by 50%.



Total required profile with GEOWEB load support.

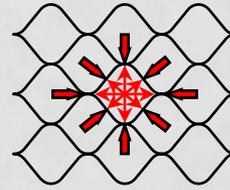


Total required profile without GEOWEB load support.



Infill is spread into the Geoweb cells and compacted.

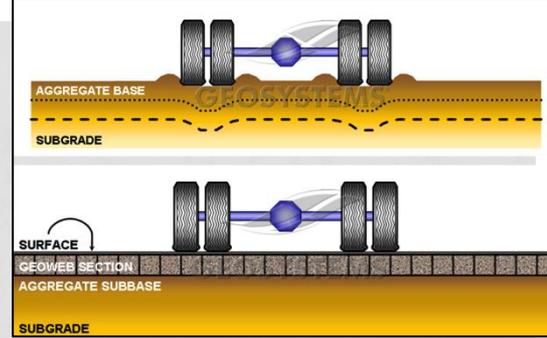
The interconnected cells produce a stiff base with high flexural strength; acts like a semi-rigid slab by distributing loads laterally.





Unconfined = Aggregate movement & loss of strength

Confined = Infill strength & maintenance reduction.



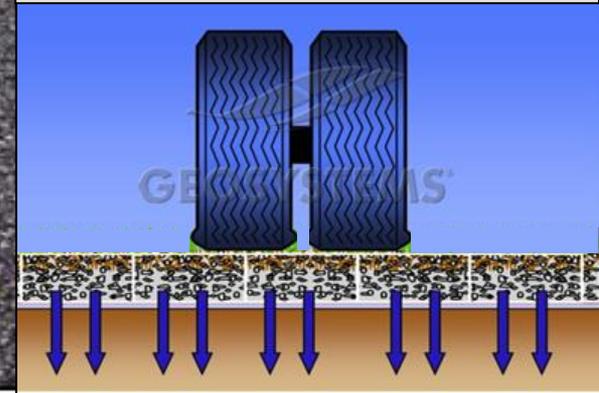
Comparison of GEOWEB gravel parking area vs conventional gravel lot during a rain event.



Original unconfined gravel lot produced ponding and runoff.



Geoweb confined gravel lot is free draining into subgrade.



Completed Geoweb Gravel Parking Application.

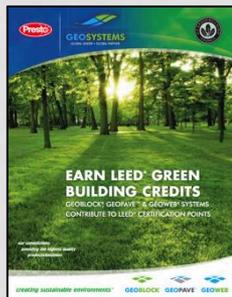


Other Geoweb Load Support benefits Include:

- Minimized impact of differential and overall settlement even on low-strength subgrades.
- May allow use of poor-quality granular fills in place of more costly imported materials.
- With permeable infill, reduces stormwater runoff and effectively performs as on-site stormwater retention/detention “Basin” storage, reducing the need and costs for stormwater basins.

Presto Geosystems offers a variety of products and systems that can facilitate the “micro-management of stormwater close to the source” facets of LID and GI.

LEED® credits can be earned in the process.



Presto
GEOSYSTEMS
GLOBAL LEADER • GLOBAL PARTNER

creating sustainable environments®

GEOBLOCK®
porous pavement system
PRODUCT CATALOG

*our commitment:
providing the highest quality products/solutions*

the natural way to manage stormwater

GEOBLOCK
MADE IN THE USA

Presto
GEOSYSTEMS
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creating sustainable environments®

GEOPAVE®
porous pavement system
APPLICATION OVERVIEW

GEOPAVE® POROUS PAVEMENT SYSTEM

The GEOPAVE® System is the latest evolution in porous pavements for creating low-cost, long-lasting and sustainable permeable surfaces.

The GEOPAVE® system is a structural framework specifically designed for confining and stabilizing porous infill materials. The system increases the bearing capacity for pedestrian or vehicular traffic, providing long-term performance with minimal maintenance.

The economical pavement system is made from recycled materials, effectively addressing today's stringent stormwater regulations in an eco-friendly way.

the eco-economic way to manage stormwater

GEOPAVE
MADE IN THE USA

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GEOSYSTEMS
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creating sustainable environments®

GEOWEB®
slope and shoreline protection
APPLICATION OVERVIEW

*our commitment:
providing the highest quality products/solutions*

eco-economic solutions for slope and shoreline protection

GEOWEB
MADE IN THE USA

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GEOSYSTEMS
GLOBAL LEADER • GLOBAL PARTNER

creating sustainable environments®

GEOWEB®
earth retention
APPLICATION OVERVIEW

*our commitment:
providing the highest quality products/solutions*

eco-economic solutions for vegetated retaining walls

GEOWEB
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GEOSYSTEMS
GLOBAL LEADER • GLOBAL PARTNER

creating sustainable environments®

GEOWEB®
channel protection
APPLICATION OVERVIEW

*our commitment:
providing the highest quality products/solutions*

eco-economic solutions for channel protection

GEOWEB
MADE IN THE USA