



GEOWEB® LOAD SUPPORT SYSTEM REQUEST FOR PROJECT EVALUATION

*For preliminary evaluation, complete this form and fax to your Presto Geosystems distributor/representative or Presto Geosystems. Items marked with a * 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 _____

PRESTO GEOSYSTEMS

670 N PERKINS STREET, APPLETON, WISCONSIN, USA 54914
Ph: 920-738-1707 or 800-548-3424 ■ Fax: 920-738-1222
e-mail: INFO@PRESTOGEO.COM WWW.PRESTOGEO.COM/



GEOWEB® LOAD SUPPORT SYSTEM REQUEST FOR PROJECT EVALUATION

Presto Geosystems Distributor / Representative Information (if known)

Company _____
 Contact _____
 Office Location _____ Distributor /Rep Project # _____

Design Information

****For what is the load support structure used?***

- | | | |
|---|--|--|
| <input type="checkbox"/> Major Highway | <input type="checkbox"/> Private Drive | <input type="checkbox"/> Intermodal Facilities (Light Traffic) |
| <input type="checkbox"/> Secondary Hwy | <input type="checkbox"/> Bicycle Path | <input type="checkbox"/> Intermodal Facilities (Heavy Traffic) |
| <input type="checkbox"/> Urban Artery | <input type="checkbox"/> Pedestrian Path | <input type="checkbox"/> Commercial/Industrial Lots (Trucks) |
| <input type="checkbox"/> Urban Collector | <input type="checkbox"/> Golf Cart Path | <input type="checkbox"/> Parking Lot (Automobiles) |
| <input type="checkbox"/> Residential Street | <input type="checkbox"/> Construction access | <input type="checkbox"/> Forestry or Mining Access |
| | <input type="checkbox"/> Other _____ | |

****What is the final wearing surface of the system?***

- | | | |
|--|--|--|
| <input type="checkbox"/> Paved with asphalt / concrete | <input type="checkbox"/> Paving stones | <input type="checkbox"/> Aggregate surface |
| <input type="checkbox"/> Vegetated surface | <input type="checkbox"/> Other _____ | |

What are the traffic details?

*Maximum Axle Load _____ kg (lb) *Passes/Day _____
 *No. Tires/Axle _____ *Design Life _____ (Years)
 Tire Pressure _____ MPa (lb/in²)

NOTE: If traffic varies (eg. highway pavement), provide traffic count data (or projected traffic data), including distribution of axle loads, or design traffic (eg. Equivalent Single Axle Loads, ESAL's) as determined by the highway authority.

What is the subgrade soil description?

*Description (eg. Medium Dense Silty Sand, Very Soft Clay, etc.) _____

****What is the subgrade soil strength? Enter at least one value.***

California Bearing Ratio (CBR) Value _____ %
 R-Value _____
 Standard Penetration Resistance _____ Blows / 300 mm (/ ft)
 Cone Penetrometer Value _____ MPa (lb/in²)
 Cohesion - Triaxial Test _____ kPa (lb/ft²)
 Cohesion - Field Vane Shear _____ kPa (lb/ft²)
 Unconfined Compressive Strength _____ kPa (lb/ft²)
 Modulus of Elasticity, M_R _____ MPa (lb/ft²)

Other test data or subsurface information (if available)

Gradation (provide curve) _____
 Moisture Content _____ %
 Liquid Limit _____
 Plasticity Index _____
 Depth to Water Table _____ m (ft)

What are the details of the construction materials?

Construction Materials	Material Property	Strength Value
Geoweb Infill	Unit Density	_____ kN/m ³ (lb/ft ³)
	Angle of Internal Friction	_____ degree
Asphalt Concrete	Modulus of Elasticity	_____ MPa (lb/in ²)
	Other (Specify)	_____
Aggregate Base	Compacted CBR Value	_____ %
	R-Value	_____
	Modulus of Elasticity	_____ MPa (lb/in ²)
Aggregate Subbase	Other (Specify)	_____
	Compacted CBR Value	_____ %
	R-Value	_____
	Modulus of Elasticity	_____ MPa (lb/in ²)
	Other (Specify)	_____

Conventional pavement design (if known) and material/construction costs

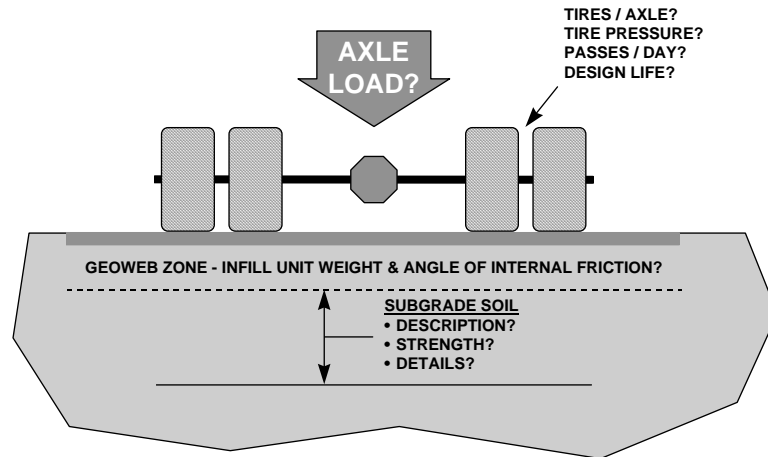
Pavement Layer	Thickness mm (in)	Cost
Portland Cement Concrete	_____	_____
Asphalt Concrete	_____	_____
Bituminous Base	_____	_____
Aggregate Base	_____	_____
Aggregate Subbase	_____	_____
Soil Stabilization	_____	_____
Undercutting Subgrade Soil	_____	_____
Geosynthetic (YES/NO)	_____	_____

Note: If a conventional pavement design has not been prepared, provide typical cost data for the region.

Logistics Information

- Deadline Dates:** Preliminary Design Needed By _____
 Projected Bid Date _____ Planned Construction Startup _____
- Approvals / Certifications Required by: List Agency(ies) _____

Basic Load Support System Definitions



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