For preliminary evaluation, complete this form and fax to your Presto Geosystems distributor/representative or Presto Geosystems. Items marked with an * 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 Distributor / Representative Information (if known)

- Company: 
- Contact: 
- Office Location: 
- Distributor /Rep Project #: 

## Design Information

### For what is the load support structure used?
- [ ] Major Highway
- [ ] Secondary Hwy
- [ ] Urban Artery
- [ ] Urban Collector
- [ ] Residential Street
- [ ] Private Drive
- [ ] Bicycle Path
- [ ] Pedestrian Path
- [ ] Golf Cart Path
- [ ] Construction access
- [ ] Intermodal Facilities (Light Traffic)
- [ ] Intermodal Facilities (Heavy Traffic)
- [ ] Commercial/Industrial Lots (Trucks)
- [ ] Parking Lot (Automobiles)
- [ ] Forestry or Mining Access
- [ ] Other

### What is the final wearing surface of the system?
- [ ] Paved with asphalt / concrete
- [ ] Paving stones
- [ ] Aggregate surface
- [ ] Vegetated surface
- [ ] Other

### What are the traffic details?

*Maximum Axle Load*  kg (lb)  *Passes/Day*

*No. Tires/Axle*  MPa (lb/in²)  *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, Mₚ  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?

<table>
<thead>
<tr>
<th>Construction Materials</th>
<th>Material Property</th>
<th>Strength Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geoweb Infill</td>
<td>Unit Density</td>
<td>___________ kN/m³ (lb/ft³)</td>
</tr>
<tr>
<td></td>
<td>Angle of Internal Friction</td>
<td>____________ degree</td>
</tr>
<tr>
<td>Asphalt Concrete</td>
<td>Modulus of Elasticity</td>
<td>___________ MPa (lb/in²)</td>
</tr>
<tr>
<td></td>
<td>Other (Specify)</td>
<td>__________________</td>
</tr>
<tr>
<td>Aggregate Base</td>
<td>Compacted CBR Value</td>
<td>___________ %</td>
</tr>
<tr>
<td></td>
<td>R-Value</td>
<td>__________________</td>
</tr>
<tr>
<td></td>
<td>Modulus of Elasticity</td>
<td>___________ MPa (lb/in²)</td>
</tr>
<tr>
<td></td>
<td>Other (Specify)</td>
<td>__________________</td>
</tr>
<tr>
<td>Aggregate Subbase</td>
<td>Compacted CBR Value</td>
<td>___________ %</td>
</tr>
<tr>
<td></td>
<td>R-Value</td>
<td>__________________</td>
</tr>
<tr>
<td></td>
<td>Modulus of Elasticity</td>
<td>___________ MPa (lb/in²)</td>
</tr>
<tr>
<td></td>
<td>Other (Specify)</td>
<td>__________________</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pavement Layer</th>
<th>Thickness mm (in)</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Cement Concrete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asphalt Concrete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bituminous Base</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aggregate Base</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aggregate Subbase</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soil Stabilization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undercutting Subgrade Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geosynthetic (YES/NO)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Logistics Information

1) Deadline Dates: Preliminary Design Needed By__________________________________________

Projected Bid Date _______________ Planned Construction Startup________________________

2) Approvals / Certifications Required by: List Agency(ies) ____________________________
Basic Load Support System Definitions

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