

January Meeting

Our Speakers Gil Serrano and Dave Mueller of Layfield Geosynthetics, were introduced by Bob Sukup. They discussed the following issues :

1. Layfield Geosynthetics. is a world wide provider of a huge array of geosynthetic products. Gil Serrano, their Engineering Business Manager is located here in San Diego and Dave Mueller, their Technical Project Manager from Calgary, Canada. Layfield does Manufacturing, Fabrication, Construction and Installation, Project Management, and Distribution.
2. Dave spoke about their below grade water storage systems that can be back filled so you don't lose valuable surface uses like parking lots. The parking lot water is directed to the below grade storage where the water is then detained and slowly released. They have reservoir liners, reservoir covers, below grade vapor barriers for methane and moisture intrusion, and all the storm water products like straw matting, silt fences, straw blankets, etc.
3. PVC products are affected by UV rays from the sun. They have developed a low density polyethylene that is UV resistant.
4. In addition to their drive able driveway system they have a very unique Geo Cell system that is about 6" deep that gets filled with a specific gravel size. They can put this cell system on top of low bearing soils or clay, fill the cells with gravel to create a drive able surface that can even support the axle loads of a fire truck.
5. For slope soil stability they manufacture Biaxial Geogrid and Biaxial Composite Geogrid. In addition they have a computer program called Tensar+ that is accessible through the internet that calculates pavement cross sections.
6. The last item they touched on was their Geoweb wall system, Again it has to do with cells filled with gravel/rock. The wall can have curves in it to make it more aesthetically pleasing.
7. It was a tremendous amount of information presented to us but we walked away with a great contact to help us out on our challenging design issues of today.

