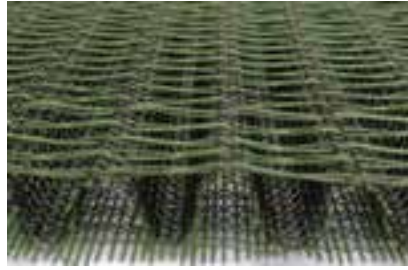




Cloud-based modeling/visualization

Autodesk, Inc.'s Autodesk InfraWorks 360 Pro offers the latest 3D modeling, visualization, and cloud-based collaboration technologies via a quarterly plan so firms can test-drive the software or use it for short-term project needs. Cloud-based capabilities enable multi-discipline infrastructure project stakeholders in geographically dispersed offices to publish, store, collaborate, and manage large models centrally in the cloud via desktop or mobile devices. Users can import a variety of data including GIS, satellite imagery, and point clouds to design within the context of existing site conditions.

Autodesk, Inc.
www.autodesk.com



Multi-layer HPTRM

Tensor North American Green launched VMax W3000, a multi-layered, woven, high-performance turf reinforcement mat (HPTRM). The high-strength, three-dimensional mat consists of a woven corrugated middle layer integrally interlaced into the woven top and bottom layers. According to the company, the VMax W3000's corrugated structure forms protective troughs perpendicular to water flow that function as check dams to capture and retain in-filled seed and soil and increased thickness provides an optimum open area for effective vegetation reinforcement and protection against high flow-induced shear forces.

Tensor North American Green
www.tensarnagreen.com



Residential site development

BLUERIDGE Analytics, provider of SITEOPS optimization software for land development, released a Residential Parceling module. According to the company, the new Residential Parceling tool enables users to develop a real-time, dynamic layout based on zoning requirements; quickly create a lot fit study with auto parceling; preview multiple lot layout concepts based on density requirements; create conceptual 3D visualization; conduct, in real time, charettes for multi-use developments; and quickly identify the best layout to meet all site constraints.

BLUERIDGE Analytics
www.siteops.com



Anti-corrosion coating

EonCoat said that its new chemically bonded phosphate ceramic coating bonds through a chemical reaction with substrates, creating a ceramic shell that resists corrosion, fire, water, abrasion, chemicals and temperatures to 1,000° F. Consisting of two, non-hazardous ingredients that do not interact until applied by a plural component spray gun, it eliminates VOCs, HAPs, and odor. EonCoat does not require labor-intensive surface prep, the company said; with a steel substrate, a commercial blast to NACE 3 is sufficient.

EonCoat
www.eoncoat.com



Workstations and displays

HP recently introduced the HP Z22i, Z23i, and Z24i IPS displays and the HP Z230 Workstation, available in a tower or small form factor (SFF). The displays feature accurate colors across wider viewing angles compared with previous displays, improving team collaboration. HP Z Displays are ENERGY STAR qualified and EPEAT Gold registered. All three displays feature four-way adjustable stands. Options for both the Z230 tower and SFF include the latest Intel Xeon processors (two) and discrete graphics options that support as many as six independent displays.

HP
www.hp.com



LED traffic signals

Dialight's XL15 LED traffic signal modules utilize Hi-Flux LED technology and a Dialight-designed power supply with enhanced thermal management integrated into the fixture — more than doubling the modules' life, the company said. Consuming between seven and 12 Watts, the 12-inch red, yellow, and green signal modules are efficient compared with existing 20-Watt LED units and incandescent signals, which can use up to 150 Watts. Offered in clear or tinted hard-coated lenses, the XL15 LED traffic signal modules are fully compliant with ITE specifications.

Dialight
www.dialight.com