Award of Excellence ◀
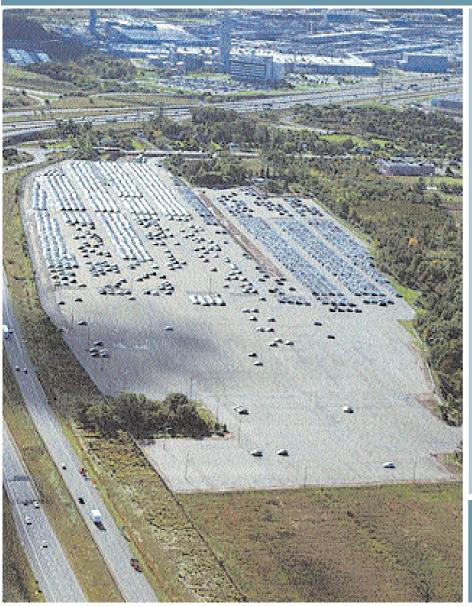
American Parking Solutions/TemPark
Niles, Ohio, U.S.A.

TemPark is a specially manufactured polypropylene geotextile/biaxial geonet/PP geotextile composite that creates a clean, fire-retardant surface while maintaining natural drainage—at a much lower cost than asphalt. This fabric was used to construct a 57-acre TemPark lot in Oakville, Ontario, Canada, for the temporary storage of 9,000 new vehicles. After the parking lot was constructed, the 14 x 200-foot geocomposite rolls were heat-welded, then anchor-trenched in 100 x 400-foot panels consisting of 14 rolls. The panels are tensioned to minimize wrinkling. The project met the client's needs for a large clean, stable, temporary storage facility near the automobile manufacturer.

Fabric: 200-350-mil., UV-resistant, flame-retardant geocomposite by Skaps Industries

Design: Trafalgar Engineering LTD.

Subcontractor: Con-Ker Construction Corp.

Consultant: I-Corp International Inc.

Fabrication: Skaps Industries

Installation: Terrafix Environmental Technology Inc.

Project Manager: Jeff Hanak

Outstanding Achievement Award ▶

Jones Edmunds & Associates Inc.
Gainesville, Florida, U.S.A.

The Bioreactor-Ready Bottom Liner System was placed at the Winfield Solid Waste Facility in Columbia County, Fla., to achieve three primary goals: to develop an innovative bottom liner system that could meet the hydraulic and physical demands of bioreactor landfills; to mitigate the potential for leakage to the environment; and to be constructed at a cost less than conventional "dry tomb" bottom liner systems. Performance benefits of the new system include a significant increase in hydraulic performance of the liner, and an associated decrease in environmental threat, with an 40% decrease in construction time needed as compared to previous cells developed at the site.

Fabric: Tri-Planar geonet by Tenax Corp.

Fabrication: Tenax Corp.

Installation: Comanco Environmental Corp.

Project Manager: John P. Arnold, P.E.