Contents

On the Cover



In front of a full-scale replica of the Parthenon in Nashville's Centennial Park, Rob Weimorts works on a tree survey.





Features

8 Civic Duty—A Visit to Civic Engineering and Information Technologies

In more ways than one, this state-of-the-art Nashville firm has weathered the economy by diversifying into GIS and precise surveying. By Marc Cheves, LS

16 Phased Contracting

A San Diego surveyor provides a solution to out-of-scope extra work—one of the thorniest aspects of client relations. *Michael J. Pallamary, LS*

21 When Two Become One—A Look at the Law of Merger of Adjoining Parcels

With the increasing amount of in-fill projects across the country, parcel mergers take on added importance. *By Lloyd Pilchen, LS, Esq.*

28 Building a Fully–Functioning County GIS in Five Years Surveying and geodesy provide a key role in creating a useful public utility. *By Michael Daly, LS, PE*

44 Full Steam Ahead—Applying 3-D Laser Scanning to a Boiler Plant Replacement Project

Scanning replaces traditional hand-measurements in a daunting and complicated project at North Carolina State University.

By Drew C. Bjorklund, AIA, Ed Oliveras, and Damian Lallathin

In This Issue

6 Editor's Corner: The Right Tools By Marc Cheves, LS

54 Reconnaissance: Rewriting Legal Desciptions By Gary Kent, LS

57 Vantage Point:
Professionalism,
Logic, and Law
By Wendy Lathrop, LS, CFM

64 Surveyor's Report: Licensure by Apprenticeship-Effects on the Surveying Profession By Dave Gibson, LS, PhD

58 FeedBack

60 Advertisers' Directory

61 MarketPlace