



Tecumseh Chapter of the Indiana Society of Professional Land Surveyors
309 Columbia Street, Suite 101 Lafayette, Indiana 47901

2003-2004 OFFICERS:

President: Patrick N. Cunningham, R.L.S.

Vice President: Roger A. Fine, R.L.S.

Secretary-Treasurer: Timothy A. Beyer, P.E., R.L.S.

2004 Chapter Report
December 28, 2004

MEMBERS: The following are paid, life, or student members of the chapter: (1) Kyle Betz, (2) Tim Beyer, (3) Rex Bowman, (4) Philip Buehler, (5) Jim Butcher, (6) Aaron Carl, (7) Chris Carmien, (8) Jackie Carr, (9) Pat Cunningham, (10) Ken Curtis, (11) Anthony Domelle, (12) Justin Frazier, (13) Luis Gaztambide, (14) Gene Gosewehr, (15) Jennifer Hanigosky, (16) Matt Healy, (17) Muhammed Iqbal, (18) John B. Irr, (19) Luke Jahn, (20) Steve Johnson, (21) Devin Keeler, (22) John Kinkle, (23) Clem Kuns, (24) Michael Lenihan, (25) John McEntyre, (26) Kelly Miller, (27) Jim Milligan, (28) John Nagy, (29) Darren Norrington, (30) Lee Powers, (31) Kevin Redelman, (32) Bobby Rennaker, (33) Doug Rhein, (34) Clint Roos, (35) Nick Schmitt, (36) Brian Stanoch, (37) Nick Starr, (38) Todd Starr, (39) Bill Stine, (40) Charles Thompson, (41) Scott Thompson, (42) Ron Wharry, (43) Jim White, (44) Scott Wilkinson, (45) Robert Will, (46) Patrick Williams

FINANCIAL STATUS:

Mutual Fund Value: \$7338.40 (as of 9/30/04)

Checking: \$1133.88 (as of 12/27/04)

Savings: \$5012.65 (as of 12/27/04)

3-Certificates of Deposit: approx. \$3150

MEETING DATES: February 25, May 26, August 25, and November 10, 2004. Proposed meeting dates for 2005 are February 23, May 25, August 31, and November 9.

CHAPTER ACTIVITIES: (1) The 2005 Convention Committee put forth a considerable amount of time and effort planning for this year's convention. Several committees laid out plans for the program, exhibits, spouse's program, gifts, raffle, and packets. Thanks to members of both our local and state chapters for their effort in planning the convention this year. Your hard work is greatly appreciated.

(2) A Government Affairs Committee, consisting of six registered members of the chapter, which was created in 2003, continued to work with Tippecanoe County officials on Area Plan Commission efficiency and procedural ordinance revisions from 2003 as well as other surveying related issues such as those related to NPDES Phase 2 proposed local regulations.

(3) A group discussion was led by Pat Cunningham and Tim Beyer on common errors being made in our profession in our chapter area and throughout the State. Specific examples were utilized to put forth an argument that when an aliquot corner (further subdivision of the section)

has been set by a County Surveyor, it should be treated in a similar manner as the original section corners set by the federal government in that it is an original monument and when the original monument is not found, appropriate evidence should be used to reestablish its original location. Reestablishing such a corner by proportionate measure is a last resort. This discussion is partly the basis for the seminar being offered by Pat and Tim at this year's convention.

(4) A group discussion was held on the definition of land surveying and how the law may need to be changed to account for changing technology. While there are several issues to be discussed in this regard including staking by engineers and flood data companies who certify properties' relationships to flood boundaries, the discussion focused primarily on how far Contractors can go with doing their own staking and using GPS on their equipment for site work. In regards to the Contractors using GPS, three main issues were raised: Surveyors should be involved with (1) the calibration of the GPS equipment, (2) setting appropriate control so the Contractor can check himself, (3) quality control during construction (prior to as-builts) to ensure that the job is being built correctly. The goal was to avoid the scenario that is currently happening with state right-of-way markers on INDOT jobs—as you probably know—these markers are commonly not set by surveyors and the state has little knowledge of how they were actually set. A suggestion was also made that perhaps this could be a topic for the 2005 convention program and it has been submitted to the state for possible inclusion in the group discussion seminar by members of the Board of Registration at this year's convention.

(5) Jim Wyant and Craig Williams from Seiler Instrument made a presentation on a local base station and wireless (cellular) GPS. Use of this technology would allow for a common base station to be placed in a fixed location (i.e. a county building) and would allow field crews to use RTK without the need for a GPS base station at a project site. This technology would also expand the range of the rover(s) from about a maximum of 5-6 miles with radio communication to about 25-30 miles with this technology.

CHAPTER GOALS: The chapter is striving to create meeting agendas on surveying related issues that are of interest to all of our member counties to generate more interest in becoming a member who is involved with the chapter and its activities.

Respectfully Submitted,

Timothy A. Beyer