



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

2003-2005 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.

2005 Chapter Report
December 23, 2005

MEMBERS: The following are paid, life, or student members of the chapter: (1) Brian Arthur, (2) Andrew Behler, (3) Kyle Betz, (4) Tim Beyer, (5) Adam Bihary, (6) Chris Borzio, (7) Rex Bowman, (8) Jim Butcher, (9) Aaron Carl, (10) Chris Carmien, (11) Joe Cross, (12) Pat Cunningham, (13) Ken Curtis, (14) Chris DeYoung, (15) Kristopher Eichhorn, (16) Roger Fine, (17) Jeff Fox, (18) Justin Frazier, (19) Eric Fujikawa, (20) Gene Gosewehr, (21) Nathan Harris, (22) Matt Healy, (23) Tom Henderson, (24) Steve Johnson, (25) Mike Judt, (26) Andrew Kincaid, (27) John Kinkle, (28) Clem Kuns, (29) John McEntyre, (30) Casey Menchhofer, (31) Andrew Miller, (32) Kelly Miller, (33) Jim Milligan, (34) Steve Murray (35) Brad Perry, (36) Pete Procaccio, (37) Dan Pusey, (38) Kevin Redelman, (39) Clint Roos, (40) Ashley Rose, (41) Steve Rust, (42) Nick Schmitt, (43) Nick Starr, (44) Todd Starr, (45) William Stine, (46) Matt Thomas, (47) Charles Thompson, (48) Boudewijn Van Gelder, (49) Ron Wharry, (50) Jim White, (51) Scott Wilkinson, (52) Robert Will, (53) Patrick Williams

FINANCIAL STATUS:

Mutual Fund Value: \$8,409.80 (as of 12/22/05)

Checking: \$104.78 (as of 12/23/05)

Money Market: \$5,045.30 (as of 12/23/05)

5-Certificates of Deposit: \$15,127.08 (as of 12/23/05)

MEETING DATES: February 23, May 25, August 31, and November 9, 2005. Proposed meeting dates for 2006 are February 22, May 31, August 30, and November 8.

CHAPTER ACTIVITIES: (1) A Government Affairs Committee, consisting of five 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 and digital data submission requirements.

(2) Steve Murray and Tim Beyer led a detailed overview of Revisions to Rule 5 (Erosion Control) effective in late November 2003 and revisions to Tippecanoe County (and incorporated Cities and Towns) Stormwater Ordinance in response to NPDES Phase 2 regulations. Almost all construction sites that disturb more than 1-acre of ground must now have a stormwater pollution prevention plan (the new name for erosion control) and file a Notice of Intent Letter (NOI) with IDEM or the appropriate MS4 jurisdiction, the designation of which is typically based on population. Both stormwater quantity and quality revisions to the Stormwater Ordinances were reviewed.

(3) Gary Kent led a detailed overview of several topics and passed out handouts. Gary first discussed proposed revisions to the ALTA Land Title Survey standards. In addition to a possible name change to ALTA/NSPS Land Title Surveys and other minor changes, the proposed changes include clarifying that state laws governing boundary surveys also apply to ALTA surveys, because apparently some "surveyors" have been under the impression that an ALTA survey does not have to meet the minimum survey standards required by Indiana law, for example. The proposed standards also clarify and explain the requirements for using rectified orthophotography, photogrammetric mapping, laser scanning and similar technology for locating some of the improvements in Table A. Accuracy standards are also proposed to be revised. In response to a question, Gary also recommended putting language in contracts that state the standard ALTA certificate will be used on ALTA surveys and recommended against using certificates provided by lenders or other parties.

Gary also reviewed the proposed revisions to Title 865 of the Indiana Administrative Code. The proposed revisions are numerous and include minor adjustments to education requirements for professional licensure, new requirements for use of electronic or digital signatures, elimination of the theoretical uncertainty and Classes (A-E) of surveys and replacement with relative positional accuracy and associated classes of surveys, definition of ALTA/ACSM or ALTA/NSPS survey, "housekeeping" consolidation of rules governing original, retracement, and route surveys, and some other revisions.

(4) Chad Studer, Mark Vaughn, and Scott Buchanan with Sterling Systems provided an interesting and detailed demonstration of 3D laser scanning equipment (high definition surveying) and their capability and potential use. Several scans were performed and displayed of the meeting room itself and scans were displayed showing several scans that were performed earlier that day of some buildings and surrounding grounds on the Purdue University campus.

(5) A panel discussion was held with four licensed or soon-to-be-licensed members of the chapter on the following topics related to the Indiana Code or Indiana Administrative Code pertaining to land surveying:

- (1) Based on Indiana Code or Indiana Administrative Code, can a licensed land surveyor prepare and sign plans for the following items?
 - (a) Sewage lift stations
 - (b) Sewage forcemains
 - (c) Watermains
 - (d) Gravity sanitary sewers
 - (e) Plans prepared by a licensed engineer or architect
- (2) Based on Indiana Code or Indiana Administrative Code, who is permitted to perform construction staking for infrastructure within or related to easements and rights-of-way?
 - (a) Licensed Land Surveyor
 - (b) Licensed Engineer
 - (c) Layout personnel on construction crew
- (3) In the event that you disagree with the boundary solution on one of your fellow surveyor's boundary surveys, what is your responsibility? What should you do if you agree with another surveyor's solution, but when you go to set your monuments, you discover that your location for the boundary corner is 0.14 feet away from an existing monument set by the other surveyor?
- (4) Can a licensed land surveyor legally operate two offices in two different locations?
- (5) If you discover or suspect that an individual is practicing land surveying without a license, what recourse do you or a citizen have? Should the rule allow other measures to be taken and, if so, what should they be?
- (6) Does the Indiana Code or the Indiana Administrative Code prohibit a surveyor from preparing a legal description for an individual to divide and create a new tract of ground without publishing a boundary survey for that newly created property?
- (7) Can an unlicensed person do staking for their own house, perform a topographic survey, write a legal description, or perform a boundary survey on their own 10-acre property?

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