

February 2007

SIDE SHOTS

Professional Land Surveyors of Colorado

Volume 38, Issue 1

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Dear Fellow Members,

You may have noticed a few changes on the cover of this publication – we are hoping that these changes will cause more people to pick Side Shots up, read it, and share it with colleagues.

At the General Membership meeting on November 30th, we installed or assigned Officers, Directors and Committee Chairs; new Directors are Roger Nelson, Doug Berling, Michael Bouchard, and Russell Clark. Committee Chairs are Larry Connolly – Nominations & Elections; Roger Nelson – Legislative; JB Guyton – Publications; Gary Gable – Liaison; Tom Adams – Membership; Larry Connolly – Ethics & Fair Practices; Mike Greer - Fall Technical Sessions 2007, and Larry Connolly – Awards.

I'd like to recognize the contributions of departing Directors & Chairs, Ron Perkins (Legislative), Geoffrey Stephenson (Publications), John Noonan & Darryl Wilson; they will be helping the new Committee Chairs & Directors transition into their duties, and we are grateful for their efforts.

The Fall Technical Sessions were a great success – attendance was good, and there was lively and constructive debate at the workshops. Thank you to all the speakers and organizers for their time and effort. Having now been a presenter myself, I have a better understanding of the preparation required. There are new photos from the conference posted on our website, www.plsc.net.

The Executive Committee (myself, Tom Adams, Art Hipp, Mike Greer, Lisa Isom and Diana Askew) has met to begin review of the Bylaws of PLSC, Inc. for possible revision or update. A report of committee recommendations will be presented to the Board at the next meeting.

We have established a committee to work with Pam Fromhertz, Dan Smith and others on the creation of a Real Time Reference Network, beginning in the Denver area and potentially expanding to all of Colorado. The committee Chair is Russ Clark, please feel free to contact Russ, Pam Fromhertz or Dan Smith if you are interested in the process or would like to assist. These networks are just beginning to appear, and I would like to have the PLSC aid this process.

Member opinions and comments are welcome – we have multiple forums for these items, both through the PLSC website (<http://plsc.net/forum/forum.htm>) and through submittals to Side Shots. We have created a 'Member Opinion' section in Side Shots where submittals of that type can be printed. Committee reports, stories and other items will be printed in the magazine wherever space permits, opinions and editorials will be printed in the new section. I hope that by providing multiple avenues for discussion, PLSC members will become actively involved in issues, and that we may stimulate interest in the PLSC from non-members.

The next Board of Directors meeting is scheduled for Friday, February 23rd from 6:00 to 10:00 p.m. in conjunction with the CCPS February Conferences. Scheduled speakers include David Doyle/NAD 83 readjustment, Angie Kinnaird-Linn/State Board, David Pehr/Roads & Ethics, Clyde Hubbard/Airborne GPS, Dan Roman/Geoid 06 Model, and Gary Gable/FRA Railroad Safety Training. See the CCPS website (www.colorado-surveyors.org) or contact Gary Leak for more information.

The Board of Directors has been asked to vote on several issues at this meeting, so it would be a good meeting to attend. I hope to see many of you there.

Sincerely,
John B. Guyton, PLS



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SIDE SHOTS

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*Side Shots is the official publication of the Professional Land Surveyors of Colorado, Inc.
and is published quarterly for the betterment of the surveying profession.*

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THE EDITOR SEZ

Dear Surveyors & Friends:

I am ready for some warmer weather! I hope Mother Nature will soon turn up the thermostat and melt some of this layer of snow we have accumulated recently. We don't usually get hit by several Arctic blasts such as we have recently experienced. I know that doing your various surveying jobs has been difficult if not impossible. The residential streets have been a mess and in some cases still are a mess.



Art Hipp

Some areas east of Denver have been without power because of the ice storms and so far we've been fortunate in that respect. I hope it warms up soon and makes the snow disappear. It's a good thing I have a 4-wheel drive vehicle or I wouldn't be able to get out of my area.

The good news is that the days are slowly getting longer and we can look forward to Spring. I know you will have a backlog of work that you weren't able to do lately. That'll be good news for the many businesses that have been hampered by the weather. I do hope that you have a prosperous surveying season in 2007.

By the way, the response to the dues notices that I sent out has been good. Many of you have paid up and I appreciate that. There is more to be done but at least that's a good start. Thanks.

CCPS

The Central Chapter is busy preparing for our upcoming conference. this year's conference will again be at the Tivoli on February 23rd and 24th. The speakers and topics will include: David Doyle on the new NAD 83 readjustment; Angie Kinnard-Linn will discuss State Board issues; David Pehr will cover road creation and ethics; Clyde Hubbard will present on airborne GPS and LIDAR; Dan Roman will discuss the GEOID06 Model; and Gary Bagle will offer a certification course for FRA Railroad Safety Training. We will also have a presentation celebrating the 200-year anniversary of the NGS.

The CCPS MSCD refresher course is again underway and meeting on Wednesday nights in Brown Hall at the Colorado School of Mines. The Bill McComber Mentoring program will resume in March. This year all sessions will be held in the meeting room of Survey and Construction Supply at 930 West Byers Place. For more information please refer to our website: <http://www.colorado-surveyor.org>.

Many thanks to the volunteers who came forward to make up this year's board. This year's board members are: Gene Cooper, president; Bill Buntrock, vice president; Kurt Erntsberger, Treasurer; and John Lautenschlager, secretary. The Directors are George Satterlee, James Rihanek, Mark Hall, Randall Zanon, Anthony Syers, John Doty and Ann Oden. Very special thanks to the outgoing directors and officers: Diana Askew, Gary Bagle, Dick Barton and Randy Bloom. As the outgoing president I want to again say thanks. It's been a privilege to serve with this dedicated group of surveyor's.

Gary Leak, PLS
President, CCPS

SCPLS

The weather and the holidays wrecked havoc on the activities of the chapter. what we did get accomplished was to hold our annual Christmas dinner at the La Renaissance in Pueblo on December 8. Attendance was good, the food fantastic. A Chinese auction concluded

the evening. A good time was had by all. Ballots have been mailed for the annual election of officers. Up for election is the secretary treasurer and two directors. Ballots are arriving and the results will be reported in the next Side Shots.

Terry R. Maw, PLS
President, SCPLS

WCLS

We begin our new year with a few changes. WCLS is going to continue holding bi-monthly meetings, and have assigned each meeting to a different board member to organize and facilitate. I have volunteered and was elected to remain president for one more year. Stan Werner has volunteered and was voted in as secretary-treasurer, also for a one-year term. The other Board members and officers will remain the same.

We held a board meeting in December to discuss the changes as mentioned above. Our January meeting was held on January 10 at the City of Grand Junction's facility. Michelle Soderborg of Mesa County School District 51 gave a short presentation about their School to Career program. Several attendees had utilized this program and generally had a favorable response.

The passing of Seab King was announced. He was one of the original charter members of WCLS and will be greatly missed.

Theresa Smithson is preparing a PLS refresher course to be held in March and Tom Sylvester is looking into another Metro State C.D. course. Our spring seminar will be in May, and we are looking forward to seeing everyone there.

Our next meeting will be held March 14th, with Frank Kochever volunteering to discuss the Mesa county V.R.N. This is new technology that anyone using GPS around Mesa County will benefit from.

Sincerely,
Les Doehling
President, WCLS

NC/PLSC

The Northern Chapter has meetings the first Wednesday of the month except for the months of June, July and August. The meetings are held at various locations,

for more information contact me at 970-613-1447.

The Chapter is presently busy scheduling mentoring classes and preparing for a seminar this spring. The mentoring classes started last spring with the help of Gaby Neunzert. Those that are participating in the classes are given a chance to choose the subjects they would like offered in following classes. We plan to schedule other speakers so Gaby can have a break once in a while.

The mentoring classes will be suspended while the Refresher Course is being offered in Golden. Tuition for the Refresher Course will be paid for a few of the loyal participants in the mentoring program. The participants were selected based on the number of classes they attended.

Steve Varriano, PLS
President, NC-PLSC

NW 1/4 CLS

Call to Order - 7:15 p.m., Friday, November 17, Creek View Grill, Hayden Colorado

Recognition of Members Present: Gordon Dowling, Tom Effinger, Peter Epp, Brian Kelly, Walter McGill, Skidge Moon, John Noonan, Lloyd Powers.

Welcome of Guests: Bill Baker, Cornerstone Boundary Consultants; Chad Fox, Epp Associates; Steve Kamfala, Dowling Land Surveyors; Willie Whelan, Landmark Consultants.

Reports: Secretary, minutes of last meeting reviewed and approved. Treasurer: Account balance reported. Reviewed and approved.

Old Business: deferred to New Business.

New Business: Tom Effinger gave a review of the Grand County online Land Survey Plat system. All agreed the Routt County L.S.P. index, in a bound volume in the courthouse vault, is outdated and cumbersome. Discussion ensued on the possibilities of a system similar to that of Grand County, and what features would be desirable in such a system. John Noonan volunteered to contact Grand County Surveyor Warren Ward to explore the imple-

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mentation of that system, and whatever relevant information could be utilized by Routt County.

This evolved into a discussion of the current practice in use by Routt County: scanning plats into tiff format, which generates huge electronic file sizes, with often poor graphic resolution. Discussion ensued about the aspects of submitting plats in .pdf format at time of recording. No consensus was reached, and the matter was tabled.

Old Business: The continued effort to implement a CORS station in Steamboat Springs was explored. Walter Magill has begun writing a draft proposal for review, which will eventually be presented to the various entities from which funding is sought. Hardware and logistic requirements were discussed, as well as end user benefits. It was agreed a meeting would be scheduled with this topic as the main concern, at the earliest convenience for those concerned.

The main topic of the evening was the overwhelming concern of many members with the practice of a local concern, and the rapid escalation of the conflicts that are arising as a result.

(at the point, the meeting went into executive session).

Conclusion: It was agreed that the Chapter should hold one more meeting in 2006. A motion for a meeting in Steamboat Springs was passed. Time and date TBA.

Adjourn: 10:15 p.m.

SWC/PLSC

The Southwest Chapter held its annual fall dinner party and chapter meeting at the Palace Restaurant on November 30th, 2006. There was a good turnout of chapter members and surveyors from around the community. The after-dinner meeting centered on the upcoming 207 chapter meetings with ideas and suggestions for speakers and events discussed.

The 2007 Four Corners Area Survey Workshop was also discussed and Dave Freienmuth seminar coordinator presented a list of potential speakers. We are always open to suggestions and recommendations for speakers from other seminar coordinators and attendees. Please feel free to contact Dave or myself if you have seen a particularly good speaker that you feel other seminar attendees would enjoy. The January Chapter Meeting will be a quick business meeting followed by a Favorite Corners slide show. Chapter members will be sharing slides and stories of their most memorable corners.

The Southwest Chapter will be organizing our annual June workshop over the next few months and will be sending out the conference schedule early in the spring.

Respectively Submitted,
Parker S. Newby
President, SWCPLSC

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A Member's Perspective

PLSC Legislative Committee — 2006

The Legislative Committee met five times during 2006 to propose and discuss legislation for the 2007 session. Meetings were held at Ackerman Information Corporation office, 1453 Downing, Denver. Some members participated via telephone conference.

Propositions presented, in summary form and in CRS (Colorado Revised Statutes) order, for the 2007 legislative session are as follows:

12-205-201: Proposed amendment would allow surveyors to work in any town, city, county or special service district. In addition, it would limit the agencies from imposing non-statutory survey requirements.

12-205-207(1)(d): Proposal would reenact the requirement for AES Board (State Board of Licensure for Architects, Professional

Engineers and Professional Land Surveyors) to publish a printed annual roster and to mail a copy to each registered (licensed) professional.

12-205-208(1)(b): Proposed amendment would prevent AES from accepting a complaint based upon disputed boundary evidence evaluation. In Dexter Brinker's words: "A lawyer is not disbarred or disciplined because he loses a case. Surveyors should enjoy the same privilege."

12-205-209(4): Proposed amendment would remove "administrative law judges" from the disciplinary hearing process. "It is reasonable to assume that most administrative law judges know little about surveys and surveyors." - Dexter Brinker.

12-25-218: Proposal would

repeal this section. Currently, 12-25-218 provisions grant AES Board members, witnesses, complainants or designees immunity from any civil or criminal liability resulting from their actions. It is reasonably argued an accused person should be allowed redress from any harm caused by his accusers.

38-44-112: Proposals include wording to make the public's law "boundary agreements," subject to survey laws and regulations.

38-51-102(2.5): Proposed new section would define "Basic Control for Engineering Projects."

38-51-102(5.5): Proposed new section would define "boundary."

38-51-102(7.4): Proposed new section would define "Geodetic Sur-

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veying.”

38-51-102(12): Proposal would change wording for Land Survey Plat definition.

38-51-102(12.3): Proposed amendment would remove the redundant word “point” from the monument definition.

38-51-104(5)(a) and (b): Proposed repeal would eliminate statutory requirements to place monuments:

(a) one-half foot below paved surfaces,

(b) in monument box.

38-51-106(1)(c): Proposed amendment would require both field measurements and non-measured dimensions to be shown on plats and that non-measured dimensions be clearly indicated.

38-51-106(1)(l): Proposed new section would require a plat statement indicating survey lineal units used.

38-52: Proposal would repeal Colorado Coordinate System article. State plane coordinates were established for highway purposes (North Carolina) in 1933 and later adapted for surveys. Today and in the future, because of new algorithms, projections, and technology, surveyors have and will have available superior methods for working with positional parameters.

Other proposals included possible solutions to problems created when subdivision plats are filed and subsequently monumented by others. Addressed also were problems associated with municipal agency requirements modifying “surveyor’s certificates.”

The final committee recommendations along with minority views were presented to PLSC Board of Directors November 30, 2006 at the Annual Membership meeting. Not all items listed above were included. In general, tradition and fundamentalism prevailed over vision and

reality in accepting and rejecting proposed legislative changes. The newly elected PLSC Board of Directors will meet to deliberate on the committee’s proposal, including “Views of the Minority,” and will approve, amend or reject as appropriate.

Ron Perkins served as Legislative Committee chairman until installation of new officers at the November 30 2006 Annual Membership meeting. President JB Guyton has since appointed Roger Nelson as chairman.

As of the end of the year, a legislative sponsor had not yet been obtained. Roger and others will be working with PLSC’s lobbyist, Peg Ackerman, to assure a legislator will be retained to sponsor proposed legislation.

Maurice Schumann,
PLSC Legislative
Committee member



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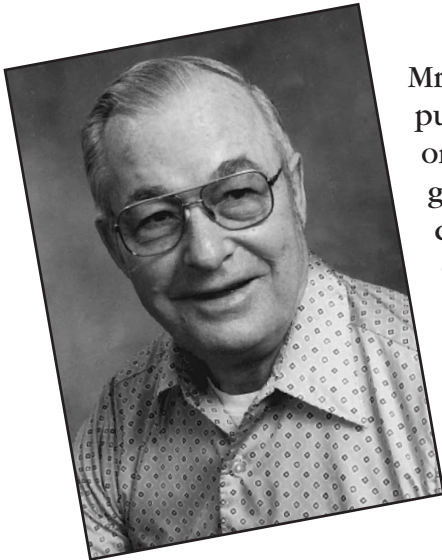
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C. Albert White

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Published by the Colorado Professional Land Surveyors Educational Foundation, Inc., a non-profit foundation, Initial Points of the Rectangular Survey System is undertaken in the spirit of, and dedication to, Mr. White's remarkable contributions to his field. Net proceeds from its sale will be returned to the educational foundation.

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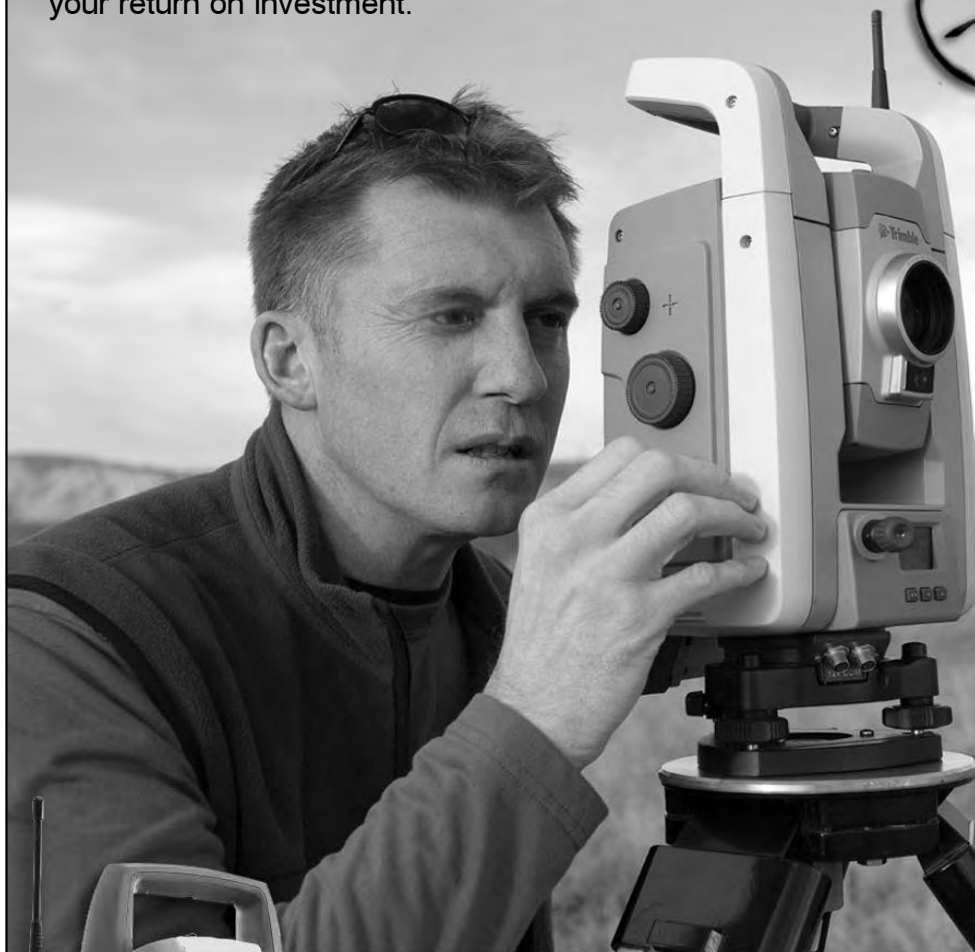
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Proposed By-Laws Changes

At the request of the president, past president Dexter Brinker was asked to submit ideas for the possible revision of the Articles of Corporation and By-Laws with the goal of improving the efficiency of the organization. The following list was submitted September 8 2006 to the PLSC Board for consideration:

1. Eliminate elected secretary/treasurer.
2. Provide for secretary pro-tem duties.
3. Expand Liaison Committee duties to include Registration

Board.

4. Define size of committees.
5. Prohibit proxy voting in committees.
6. Publish audit of treasurer report.
7. Require Board to approve all payments except routine, recurring expenses.
8. Committee chairmen not required to be board members.
9. Publish abbreviated Board minutes in Side Shots
10. Advertise "perks" for Board members when seeking nominations.

11. Change publication dates for *Side Shots* to accommodate Board minutes.

12. Publish committee memberships.
13. Conference call for some board meetings.
14. Quorum for Annual Meeting.

PLSC Board of Directors would like to hear from members who have additional ideas about possible changes.

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dhsurvey@bresnan.net***

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Administered by: Lisa Isom

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priately, rather than as an Architect or Engineer. The General Liability premium is not rated off of annual payroll and will not be audited at the end of the year, a real bonus!

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Thank you again, I certainly look forward to working with you in 2007!



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PROFESSIONAL LAND SURVEYORS OF COLORADO, INC.

AFFILIATE — AMERICAN CONGRESS ON SURVEYING AND MAPPING

MEMBER — COLORADO ENGINEERING COUNCIL

MEMBER — WESTERN FEDERATION OF PROFESSIONAL SURVEYORS



APPLICATION FOR MEMBERSHIP OR RENEWAL

Name _____
LAST FIRST M.I.

Home Address _____

Employer _____
CITY STATE ZIP CODE TELEPHONE

Business Address _____

E-mail Address _____ Fax Number _____
CITY STATE ZIP CODE TELEPHONE

Class of Membership Desired: Voting _____ Associate _____ Retired _____

* Student _____ Sustaining _____

* Specify School _____

(See reverse side of this form for definition of membership categories)

Colorado Registration Number _____

☐ PLS

☐ PE-PLS

☐ PE

☐ LSIT

List the committees on which you would be willing to serve:

(See reverse side of this form for a list of standing committees)

I hereby make application for membership in the Professional Land Surveyors of Colorado, Inc. and agree to abide by the Constitution and By-Laws of the organization:

Date _____ Signature _____

Amount submitted with this application (there is no initiation fee): \$

☐ Check

☐ Credit Card

If paying by credit card:

Credit Card Name _____

Name on Card _____

Signature _____

Card Expiration Date _____

Amount Paid by Credit Card _____

Return this Application to:

Arthur W. Hipp, PLS
Exec. Dir. PLSC, Inc.
9660 West 56th Place
Arvada, CO 80002

Your choice of PLSC Chapter Affiliation:

(Chapter Membership is "at large" and is not required but encouraged)

Central (CCPS) ☐ \$20

Northern (NC/PLSC) ☐ \$20

Northwestern (NW1/4CLS) ☐ \$20

Southern (SCPLS) ☐ \$20

Southwestern (SWC/PLSC) ☐ \$20

Western (WCLS) ☐ \$20

Please check your Chapter choice(s) and
enclose the appropriate amount.

Are you a member of A.C.S. M.? ☐ Yes ☐ No

May we send you an A.C.S. M. membership application?

☐ Yes

☐ No

PROFESSIONAL LAND SURVEYORS OF COLORADO, INC.

Purpose

The purpose of this organization shall be to improve the profession of Land Surveying in Colorado. (Article II Constitution)

Membership

Voting Member — Any person who is a registered land surveyor in the State of Colorado, and whose registration is in full effect, shall upon payment of \$75 annual dues, be a voting member of P.L.S.C., Inc. and as such shall have full voting and office holding privileges. (Article 1A1 By-Laws)

Associate Member — Any person who is interested in land surveying shall, upon payment of \$55 annual dues, be an associate member of P.L.S.C., Inc., but shall have no voting or office holding privileges. (Article 1A2 By-Laws)

Student Member — Any undergraduate student who is interested in land surveying shall, upon payment of \$15 annual dues, be a student member of P.L.S.C., Inc., but shall have no voting or office holding privileges. (Article 1A3 By-Laws) Individuals holding a Colorado PLS or PE-PLS registration are not eligible for this class of membership.

Retired Professional Land Surveyor — A Colorado licensed Professional Land Surveyor who no longer practices land surveying (including field work, office work and consulting). He/she however may continue to maintain his/her license in effect and shall not be precluded from acting as an expert witness or court appointed commissioner. This is a non-voting classification. The annual dues shall be \$30.00.

Sustaining Member — Any person or firm engaged in a business related to land surveying or interested in the land surveying profession shall, upon contribution of \$200 annually, be a sustaining member of P.L.S.C., Inc., but shall have no voting or office holding privileges. (Article 1A4 By-Laws)

Dues—Dues shall be due and payable as of January 1st for the coming year and shall be delinquent if not paid by April 1st following. Membership rights cease when dues become delinquent. (Article 1B By-Laws)

Standing Committees

Following is a list of the standing committees of this organization: Indicate your interest by checking one or more.

- | | |
|--|---|
| <input type="checkbox"/> Legislation | <input type="checkbox"/> Nominations and Elections |
| <input type="checkbox"/> Liaison | <input type="checkbox"/> Program |
| <input type="checkbox"/> Membership | <input type="checkbox"/> Publications |
| <input type="checkbox"/> Ethics and Fair Practices | <input type="checkbox"/> Survey Monuments and Records Standards |

Meetings

Regular meetings or other sanctioned activities shall normally be on the 3rd Saturday of February, May, August, and November at a place designated by the Executive Board. The February meeting shall be the annual meeting of the organization. (Article VI A & B By-Laws)



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Professional Land Surveyors of Colorado

Activity Report for the WFPS Board Meeting

Meeting Date and Place: Saturday, January 20th, 2007 in Reno, Nevada

Prepared by: John B. Guyton, PLS; 303-443-7001

PLSC Officers:

President: John B. Guyton
 Vice President: Tom Adams
 Sec'y Treas: Arthur Hipp
 Past President: Mark Corbridge
 Current Membership: 624

PLSC Activities:

Chapters:

Central Chapter:

- Last Meeting, October 26, 2006 – topic of discussion was Land Survey Plats – Are we doing them correctly?
- Next Meeting, January 25th at the Table Mountain Inn
- Scholarships Awarded: Two \$750 scholarships to Julian Cisneros and Luke Johnson for the next semester. Both of them are students in the surveying program at Metro.
- Thanks to Gene Kooper for his work in getting our copy of the Hayden Atlas scanned. The Atlas is now on four DVD's. His efforts will allow us to make the historical document available for the use and enjoyment of many people who might not otherwise have the opportunity to see it.

Southern Chapter

- The Paul Grout Golf Tournament was held on August 12 at Hollydot Golf Course. More than 80 golfers braved the early morning start to enjoy a fine day of golfing, camaraderie and competition.
- The fall workshop was held September 8 and 9 at the Pikes Peak Community College North Campus. The courses presented were Basic GPS/field fixes, ALTA surveys from the title officer and lenders attorney's side, Survey

Math, Public Land System and the Integrated National Land System.

Northern Chapter

- The Northern Chapter of Professional Land Surveyors of Colorado meets on the first Wednesday of each month, if interested in attending a NCPLSC meeting, please contact me at 970-686-5011 and I will get the pertinent information forwarded. At the September meeting, Ron Perkins ran through the issues of this summer's PLSC legislative committee and the subsequent recommendations as were submitted to the PLSC Board of Directors. There were several of the issues that garnered quite a bit of attention and discussion, with the modifications to 38-51-106(1) C.R.S. leading the way. The proposed modification to 38-44-112 C.R.S. also created some lively discussion with differing opinions.
- The TRIGSTAR competition was again held in several Northern Colorado schools and prizes were awarded by the NCPLSC. The NCPLSC will continue to fund these prizes and help to generate some interest in the program in the upcoming year.
- Last spring, mentoring sessions were held in Loveland through the efforts of Gaby Neunzert, Steve Varriano and Lonnie Sheldon. These sessions were an initial success, with attendance dropping off as the summer workloads started taking over. The sessions will be started up again in November and it is our hope to see the large numbers that were attending at the start of the program.
- At the October meeting, new Chapter President Steve Varriano

and new Secretary/Treasurer Rob Hintz were installed into their respective offices. Steve Varriano can be reached via email at stevev@co.tait.com or by phone at 970-613-1447. Rob can be reached on his cell phone at 970-217-5412.

Northwest 1/4 Chapter

- No report

Western Chapter

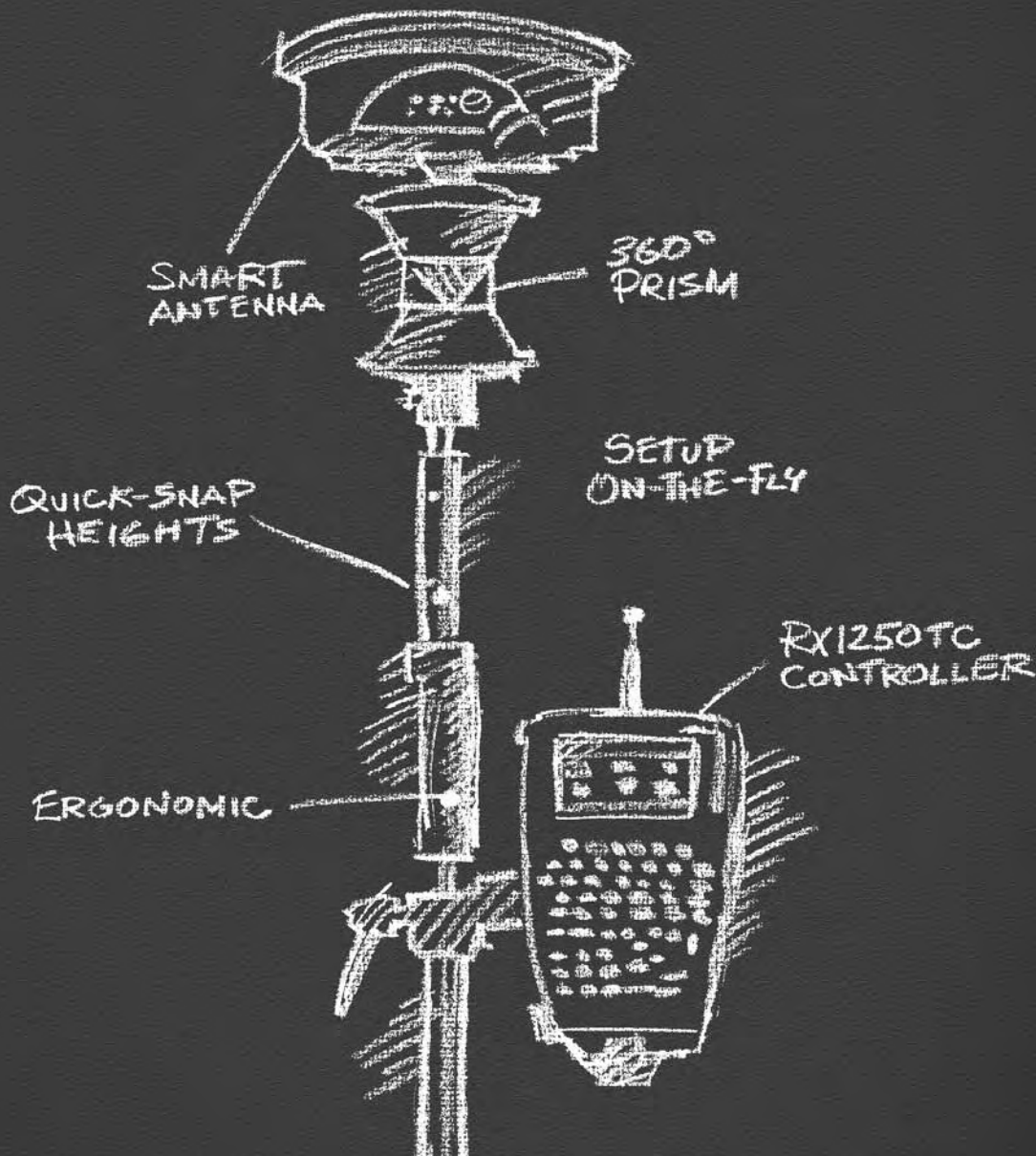
- The September meeting was held on the 13th, 2006. Mr. Richard Bullen gave a brief presentation on GIS, GIS applications and software. We discussed the possibilities of creating a scholarship program. It was decided that various members would contact educators and groups to see what WCLS could do to promote the surveying profession.
- As election time is approaching we began taking nominations for the upcoming election. A committee was formed to facilitate the elections.
- We also discussed the NAFTA document created by NSPS.
- The mentoring classes began Sept. 11. Please contact Theresa Smithson for class information.

Southwest Chapter

- The last meeting was on October 17th discussion was about the final administrative wrap-up from the 2006 seminar, and coordination of the Southwest Chapter with area agencies to work on installation of a CORS location. This may involve collaboration with the Northern New Mexico Chapter of Professional Land Surveyors. They are working with San Juan

Continued page 20

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SUR 3150-2	Astronomy for Surveyors
SUR 3220-2	Real Property Descriptions
SUR 3300-3	Photogrammetry
SUR 3540-3	Boundary Law I
SUR 3700-3	Geodesy I
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College in Farmington, New Mexico to use the college facilities as a location for a base station. This base station would benefit many four corners area surveyors and possibly provide a local RTK opportunity.

- The Engineering Department at Fort Lewis College is looking for a donation of a total station for their survey curriculum. If any individuals or organizations would like to help FLC out, please contact Don May in the engineering department at 970-247-7545.

Continuing Education:

- The McComber Mentoring Sessions began again on August 30th. The Southern chapter is considering offering "business or management" type sessions; for the Central Chapter more "legal" and maybe a "contouring" are in store. The Northern Chapter is looking at "vertical curves," as well as topics into "property descriptions," etc.

Southern Chapter — Colorado Springs

For more information contact
Tom Adams
tom.adams@dot.state.co.us
Cell: 719-251-7980
Office: 719-546-5454
Toll Free: 877-546-6283

Central Chapter - Denver Area

For more information contact
Gene Kooper
ekooper@uswest.net
Office: 303-989-1461

Northern Chapter – Loveland Area

For more information contact
Steve Variano
stevev@co.tait.com
Office: 970-613-1447

Western Chapter – Western Slope

For more information contact
Teresa Smithson at
tsurvey@hotmail.com

The 2007 CCPS/MSCD Land Surveyor Refresher Course will begin January 10th and run through March 17th. Courses start at 6:00 pm and run for 3 hours. The Mock

Continued page 21

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Examination starts at 8:00 am and ending at noon. Fees are \$40 per 3 hours course, or \$250 for the entire schedule. Topics being offered are:

- January 10, Overview NCEES/COLO – Herb Stoughton / Alan Blair
- January 10, Fundamentals of Surveying I – Gaby Neunzert
- January 17, Fundamentals of Surveying II- Gaby Neunzert
- January 24, Geodesy, GIS and State Plane – Gaby Neunzert
- January 31, Legal Terminology and Definitions – Diana Askew
- February 7, US Public Land Surveys I – Randy Zanon
- February 14, US Public Land Surveys II – Randy Bloom
- February 21, Colorado Law I – Doyle Abrahamson
- February 28, Colorado Law II – Roger Nelson
- March 7, Business, Ethics Prin. & Practice – Geoffrey Stephenson/Alan Blair
- March 17, Mock Examinations – Randy Zanon / Randy Bloom

For more information, please contact Randy Bloom at 303-239-3827.

Legislative:

Legislative committee is examining several statutes to make recommendations regarding proposed changes/additions to the legislature:

- Review and possible recommendation of changes to 38-44-112 concerning Boundary Line Agreements
- Review and possible recommendation regarding duties of County Land Surveyors
- Review and possible recommendation of additions to 12-25-202 (6)(a) concerning Geodetic Surveying.
- Review and possible modification of 38-51-102 (12) concerning definition of Land Survey Plat.
- Review and possible revision of 38-51-106 regarding measurements used on Plats and Maps to require "as-measured" as well as "recorded".
- Review and possible revision to wording of 12-25-212 (2)(b), concerning eligibility to sit the exam for Enrollment as a Land Surveyor Intern, to include a second section (II) allowing persons who are seniors in a Board approved survey-

ing or surveying technology program of 4 years or more, with Graduation required for enrollment.

Items of Interest:

Recent Conferences:

The PLSC Annual Fall Technical Workshops and Annual Meeting were held November 30th through December 2nd. Workshops offered included:

- ALTA/ACSM Accuracy Standards (2005)- Jack Kesler
- Curative Statutes and Doctrines to correct Title Irregularities – Ed Bristow/JB Guyton
- The Pincushion Effect – Jeffrey Lucas
- Height Modernization Workshop – various speakers from NGS
- Boundary Dispute Resolution – Jeffrey Lucas
- Law of Easements – Jeffrey Lucas
- Management Training – Joe Broberg

The Annual Meeting and Awards Banquet took place on Thursday, November 30th.

Upcoming conferences:

- Central Chapter Conference set for February 23 & 24, 2007
- Northern chapter the NCPLSC Spring Seminar is being planned. Hopefully, we will be able to settle on topics and speakers at the next monthly meeting and proceed at a pace with the planning and coordination that will make the seminar another successful event.

Other business:

- Next PLSC Board of Director's Meeting is scheduled for February 23 & 24, 2007, in conjunction with the Central Chapter Conferences.

End of Report

PLSC, Inc. Committees

Following is a list of PLSC Committees. Many of these committees need additional members to be fully effective, so if you are willing and/or able to participate, please contact the Committee Chair.

Nominations and Elections Committee - Larry Connolly
Legislative Committee - Roger Nelson
Publications Committee - JB Guyton
Liaison Committee - Gary Gable
Survey Monumentation and Standards Committee -
Membership Committee - Tom Adams
Ethics and Fair practices Committee - Larry Connolly
Awards Committee - Larry Connolly
Fall Technical Session 2007 - Mike Greer

GIS in the Rockies - Dan Smith / Mike Greer
Metro State College of Denver - Randy Bloom
GPS User Group, (G2) - Pamela Fromhertz/Dan Smith
Real Time Reference Networks - Russell Clark
PLSC "Leadership Academy" program - Randy Bloom

Annual General Membership Meeting of the PLSC Inc.

Thursday, November 30th

Green Center

MINUTES

A. Call to Order - 3:30 PM

B. Recognition of Members Present: Larry Connolly, Tom Adams, John Buri, Doug Berling, Randy Bloom, Michael Dlin, Michael Greer, Dan Smith, Jack Sparks, J. Reese McKay, Roger Nelson, Paul Kellogg, Chic Chichester, Warren Andrews, Ron Perkins, Tom Sylvester, Les Doehling, Tom Starkweather, David Tomaschow, Russel Clark, Brian Dennis, Michael Bouchard, Charls Russell, Georgia Satterlee, Pam Fromhertz, Lisa Isom, Doyle Abrahamson, Arthur Hipp, Bryan Clark, Warren Ward, Louis Buettner, Keith Stiles, Diana Askew, John Guyton

Absent: Gary Gable, Darryl Wilson

C. Welcome of Guests: Victoria Provenza

D. Additions, Deletions and Modifications to Agenda

E. Approval of Minutes from previous meeting

NEW BUSINESS:

A. Installation of new and returning directors and officers

- a. President - John B. Guyton
- b. Vice President - Tom Adams
- c. Secretary/Treasurer - Arthur Hipp
- d. Executive Director - Arthur Hipp and Lisa Isom
- e. Board of Directors - Roger Nelson, Doug Berling, Michael Bouchard, Russel Clark

B. PLSC Committees

- a. Nominations and Elections Committee, which shall make nominations and conduct elections
 - i. 2007 chair Larry Connolly
 - ii. volunteers _____
- b. The Legislative Committee, which shall compose and recommend to this corporation certain legislation.....
 - i. 2007 chair Roger Nelson and Ron Perkins?
 - ii. volunteers _____
- c. The Publications Committee, which shall prepare and publish all newsletters, bulletins, reports, and other items.....and shall publish the official news bulletin of the corporations, SIDESHOTS
 - i. 2007 Chair John Guyton
 - ii. volunteers Geof Stephenson
- d. The Liaison Committee, which shall confer and cooperate with other professional organizations,

educational institutions, and other interested or related groups.....

- i. 2007 Chair Gary Gable
 - ii. volunteers _____
 - e. The Survey Monumentation and Standards Committee, which shall study and recommend methods of preserving and referencing survey monuments...
 - i. 2007 Chair Suggestion to move some of the items from the legislative committee by Roger Nelson - chair unknown
 - ii. volunteers _____
 - f. The Membership Committee the duty of which shall be to promote and enhance membership benefits....
 - i. 2007 Chair Tom Adams
 - ii. volunteers _____
 - g. The Ethics and Fair practices Committee the duty of which shall be to prepare and recommend a code of ethics.....
 - i. 2007 Chair Larry Connolly
 - ii. volunteers _____
 - h. The Executive committee shall consist of the officers and two directors.
 - i. Fall Technical Session 2007
 - i. Chair John Guyton
 - ii. volunteers Arthur Hipp, Michael Greer, Diana Askew, and Lisa Isom
 - j. Fall Technical Session 2008
 - i. Chair Michael Greer
 - ii. volunteers Tom Adams, Diana Askew
 - k. Additional Standing Committees: Chairpersons and volunteers:
 - i. Suggestions Awards Committee chair: Larry Connolly
- C. Executive Committee reviewing PLSC Inc. Bylaws
- a. Dexter Brinker to present suggestions

- D. Update of PLSC Web Page, www.plsc.net

Terry Sanders to continue as Web Master- let him know if anything needs to be changed/added/removed. Terry has done an outstanding job with the Web site and facilitated the online registration for this year's conference. Thank you Terry!

 - a. Statutes available from the site will be updated to current
 - b. Board Rules & Policy information will be added or linked depending on server space
 - c. Misc. statutes from Bob Stollard's statute book

Continued page 24

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from page 22

will be added - we still need volunteers to update the statute book

Warren Ward suggests indexing what is there so it is not so difficult to find things - disc of statutes available.

E. Discussion on Boundary Line Agreements

a. Should a recorded Survey Plat be required if surveyor is involved in a Boundary Line Agreement?

i. Argument for

ii. Argument against

Ron Perkins asked for a vote from the directors concerning boundary line agreements, specific wording in the statute to change? JB suggested that the legislative committee tell us what is the best suggestion as to how to proceed, not ask us. JB wants the committee to decide, not the board of directors - the minority report has been decided among the committee members and the board of directors will not vote on it. See the report (last two pages are the results of the two previous meetings) Thank you Ron

REPORTS:

A short question/comment session will follow each report.

A. Legislative Committee activities - Ron Perkins

B. Fall Technical Session/Annual Meeting - Tom Adams

Fall technical session: report waived for now - 167 total plus walk-ins

Tom suggests that we continue with the Web to renew membership - Tom penciled in a place at DU - covered parking to be included in the fee - online registration to include everyone next year, vendors, us

Address updates can be done online as well

C. GIS in the Rockies - Dan Smith / Mike Greer

GIS in the Rockies - Dan Smith, Chad McFadden, Robert Bohem, Tract Chair, Mike moving to the board from the planning committee chair, Pam Fromhertz is thanked for GIS in the Rockies.

GIS in the Rockies check - Mike presents a check to JB \$1600.34

D. Western Federation of Professional Surveyors activities -JB Guyton

Westfed - no comment - JB going to Reno in February

E. Mentoring Program - Gene Kooper / Gaby Neunzert / Teresa Smithson

Gene to provide a report on the mentoring sessions - Refresher Course: Randy - nothing to report - Starting January 10th

Information on both programs is posted on the PLSC Web site

F. Metro State College of Denver - Randy Bloom

Metro State College - 61 students registered, the goal is to jump it up to 100, strapped for money but hope that will change soon - will be asking for money from the PLSC - BLM has been contributing 50,000 has been cut

down to 25,000, BLM may want to discontinue the assistance commitments - Randy has one year to turn this around

G. Creation of PLSC "Leadership Academy" program - Randy Bloom

Leadership academy that Randy attended - a few weeks ago he started a core class of leadership academy 80 hours in Phoenix 40 more in DC in March, then 40 more in Phoenix - Colorado leadership academy or forum to narrow the opinion of what constitutes a professional (what is the word?) opinion - he plans to germinate the idea within the CCPS - to be on the agenda at the next meeting.

H. GPS User Group, (G2) and Real Time Networks - Pamela Fromhertz/Dan Smith

a. Discuss forming a Real Time Reference Network committee within the PLSC

b. Committee chair, roles and responsibilities

c. Receive funds, equipment and labor from government and private entities

d. Establish a written partnership agreement with CDOT

e. System implementation, operation, maintenance and end-user participation

Pam and Dan - suggested PLSC to be a bankbook for the GPS users group

Possible ways to move forward with the network, need IT, coordinate, communications, they would like PLSC to be the umbrella - CDOT has found equipment, developing a network for Colorado, metro central, non-vendor specific, part of this network, not-for profit venue is the best - PLSC to manage the funding - bankbook

Victoria Provenza - umbrella organization 501©3 we have a educational foundation - recommends RTRN (real time reference network) trust that is also 501©3 to manage the funding - additional funds will be controlled by PLSC from to trust into the foundation - income can go into the educational foundation consistent with our mission statement, raises our profile in the community, Paul Kellogg - network is 24/7 RTK takes an hour to set up and then another hour to take it down, this will save lots of time for the surveying community
Russ is the chair of the new committee to explore this possibility

www.dot.state.co.us/ngsadvisor/

Before February Pam will draft a motion for the board of director's to pursue

Move for the PLSC to appoint a committee chair to formulate a committee to work with the GPS User Group to form a charitable trust 501 (c) 3 for the implementation of a real time reference network in the State of Colorado under the PLSC. Mike seconds, Unanimous aye

Russ Clark Chair

Keith Stiles - member

Brian Dennis - member

Continued page 25

I. Height Modernization Workshop summary - Pamela Fromhertz
Pam extends her thanks to the PLSC to allow the Height modernization workshop and all of the guests to attend the conference and for making this possible, opportunity for the PLSC to engage with others outside the surveying community.

J. National Society of Professional Surveyors activities - Warren Ward
a. "Certified Survey Technician"
Floor to Warren: National Certified Survey Technician - 4 levels of certification, from the first day you hire on to the company you are a valuable part of the company, not just when you get your licensed. This teaches all about surveying, not just how use the finger (index to push a button). This program works in the mentoring program, the refresher program, and the Metro program. The 32 item job description is down to 4 items.

K. Report from each Chapter President or their representative
a. Central - President Gary Leak
b. Northern - President Lonnie Sheldon
c. Northwest _ - President Ridge-way Moon
d. Southern - President Terry Maw
e. Southwestern - President Park-er Newby
f. Western - President Les Doehling
Les Doehling chapter doing OK, going through the election process, having trouble getting volunteers. PLSC invited to the Spring Seminar in May - Les to be the ex-officio member of the board of directors. Tom Starkweather is helping Teresa with the mentoring sessions and is giving instructions to high school students and received a letter from a teacher saying he made a difference in the life of a student (a young girl).

Next meeting at the CCPS conference in February

6. ADJOURN - 5:25 PM

In Memorium

Seabron T. King

Seabron T. "Seab" King, age 91, passed away Sunday, January 7, 2007, at Delta County Memorial Hospital. He was born July 15, 1915 at Wellington, Texas, to Leslie Phillip and Modella Pearl (Price) King, the second of seven children. In 1918, the family moved to southeastern Colorado where they ranched and farmed near the small town of Kim, until 1933, when they moved to Paonia and settled on a farm on Lamborn Mesa. He graduated from Paonia High School in 1934. He worked at various jobs, mainly as a ranch hand, and in 1937, went to work for what was then know as the Grazing Service, now known as the Bureau of Land Management. Part of his job was to keep peace between the cattlemen and sheep men, and he also was a frequent spotter for planes during wild horse roundups.



On June 4, 1939, he married the former Margaret Elizabeth Sweet of Paonia. His work with the Grazing Service took them to various posts throughout western Colorado and Western Wyoming. Along the way they were blessed with two daughters, Elizabeth Ann (Betsy) Peterson and Virginia Louise (Ginni) Selby. Seab and Margaret were happily married for 61 years before her death in 2000.

In 1950, he received his license as a certified land surveyor, and went to work for the Soil Conservation Service in 1951 in Paonia. In 1958, he formed his own company and he was well known throughout western Colorado. He was a Charter Member of the Professional Land Surveyors of Colorado. He had served as their Vice President and also designed their logo.

He was an avid horseman and one of the founders of the North Fork Horse Patrol, which grew out of a horseback rescue he and the late Sy Gillenwater made of a U.S. Geological Survey crew. He and the late Phil Beaver built a small arena just south of where Paonia Care and Rehabilitation Center now stands so local kids could learn about horses and rodeos, and he was instrumental in building the present rodeo grounds west of Paonia. He was also partner with Sid Simpson in a packing and guide service for a number of years. One of his favorite quotes was "God forbid that I should go to any heaven in which there are no horses". He also loved the mountains and any time he could, he would slip away for a day's ride in the high country. He loved animals period, but had a special affinity for cats.

Mr. King was a member of the First Christian Church of Paonia and had been active until health prevented him from being active, but still served as an Honorary Trustee. He also served as Deacon, Trustee and was chairman of the church board for several years. He and his wife were active with the youth group while their daughters were growing up and later was the adult Sunday School teacher.

He was preceded in death by his parents, two brothers, Phillip and Lee, and one sister, Virginia. Besides his daughters, he is survived by a son-in-law, Roy Selby of Delta, two grandchildren, Thomas Wayne Kulm of Princeton, Indiana, and Melissa Ann Kulm of Evansville, Indiana, two great-granddaughters, Jazzlyn and Josephine Kulm of Winslow, Indiana, two sisters, Allene Gorby of Paonia and Dell Shelton of Uvalda, Texas, one brother Glen King of Hotchkiss, several nieces, nephews and cousins.

Professional Land Surveyors of Colorado

Legislative Committee Meeting Minutes

for November 14, 2006

Recorded by: Roger Nelson

6:02 PM – Call to order by Chairman, Ron Perkins

Those in attendance via phone were: Ron Perkins, Maurice Schumann, Dexter Brinker, Georgia Satterlee and Lawrence Connolly.

Those in attendance at Ackerman's were: Doyle Abrahamson, Warren Ward, Gene Cooper, Peg Ackerman, Roger Nelson, Steve Balcerovich, and Brian Dennis.

There were no additions or deletions to the agenda.

There was no report from the October 24, 2006 meeting. That report will be submitted in conjunction with the report of the November 14, 2006 meeting.

Agenda item 12-25-202(6)(a)(X) and 12-25-202(6)(a)(X.5).

Doyle Abrahamson moved that the wording submitted on 11/8/06 via email be accepted. Motion was seconded by Roger Nelson.

11/8/06 wording was read as follows:

12-25-202(6)(a)(X) GEODETIC SURVEYING. AS USED IN THIS SECTION GEODETIC SURVEYING MEANS PERFORMING SURVEYS, IN WHICH ACCOUNT IS TAKEN OF THE FIGURE AND SIZE OF THE EARTH TO DETERMINE OR PREDETERMINE THE HORIZONTAL OR VERTICAL POSITIONS OF POINTS, MONUMENTS, OR STATIONS FOR USE IN THE PRACTICE OF PROFESSIONAL LAND SURVEYING OR FOR STATING THE GEODETIC POSITION OF CONTROL POINTS, MONUMENTS OR STATIONS BY USING A NATIONAL GEODETIC SURVEY RECOGNIZED COORDINATE SYSTEM OR DERIVATIVE THEREOF; and

12-25-202(6)(a)(X.5) "BASIC CONTROL FOR ENGINEERING PROJECTS" MEANS AN ADEQUATE NUMBER OF SURVEY MARKERS SET ON OR IN THE VICINITY OF A CONSTRUCTION PROJECT TO ENABLE ALL COMPONENTS OF THE PROJECT TO BE BUILT IN COMPLIANCE WITH THE PARTS OF THE PLANS AND SPECIFICATIONS CONCERNING THEIR LOCATION, ORIENTATION, ELEVATION AND RELATIONSHIP TO PROPERTY, EASEMENT OR RIGHT-OF-WAY BOUNDARIES; and

Discussion entertained and through friendly amendments revised wording was agreed to as follows:

12-25-202(6)(a)(X) GEODETIC SURVEYING. AS USED IN THIS SECTION **ARTICLE** GEODETIC SURVEYING MEANS ~~PERFORMING~~ **THE PERFORMANCE OF** SURVEYS, IN WHICH **MEASURE OR ACCOUNT IS TAKEN OF THE FIGURE SHAPE, AND SIZE AND GRAVITATIONAL FORCES OF** THE EARTH TO DETERMINE OR PREDETERMINE THE HORIZONTAL OR VERTICAL POSITIONS OF POINTS, MONUMENTS, OR STATIONS FOR USE IN THE PRACTICE OF PROFESSIONAL LAND SURVEYING OR FOR STATING THE GEODETIC POSITION OF CONTROL POINTS, MONUMENTS OR STATIONS BY USING A ~~NATIONAL GEODETIC SURVEY RECOGNIZED~~ COORDINATE SYSTEM OR DERIVATIVE THEREOF **RECOGNIZED BY THE NATIONAL GEODETIC SURVEY**; and

12-25-202(6)(a)(X.5) "BASIC CONTROL FOR ENGINEERING PRO-

~~JECTS~~" MEANS AN ADEQUATE ~~NUMBER OF SURVEY MARKERS SET ON OR IN THE VICINITY OF A CONSTRUCTION PROJECT TO ENABLE ALL COMPONENTS OF THE PROJECT TO BE BUILT IN COMPLIANCE WITH THE PARTS OF THE PLANS AND SPECIFICATIONS CONCERNING WITH~~ **RESPECT TO** THEIR LOCATION, ORIENTATION, ELEVATION AND RELATIONSHIP TO PROPERTY, EASEMENT OR RIGHT-OF-WAY BOUNDARIES; and

A roll call vote was taken with the following results:

Ron Perkins (Yes)
Maurice Schumann (Yes)
Dexter Brinker (Yes)
Georgia Satterlee (Yes)
Lawrence Connolly (Yes)
Doyle Abrahamson (Yes)
Warren Ward (Yes)
Gene Cooper (Yes)
Roger Nelson (Yes)

Agenda item 38-44-112

A short update on the Status of Boundary Line Agreement was given by Ron Perkins. The results of a committee vote and committee approved wording (See below) along with a minority report (See below) have been forwarded to the PLSC Board for final review. The outcome is pending and should be addressed at the annual meeting. 38-44-112

Any UNCERTAIN line, or ~~disputed~~ UNCERTAIN corner or UNCERTAIN boundary THAT IS IN DISPUTE OF AN EXISTING PARCEL OR PARCELS THAT IS OF RECORD IN THE REAL ESTATE RECORDS OF THE CLERK AN D

Continued page 27

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RECORDERS OFFICE OF THE COUNTY WHERE THE LAND IS LOCATED may be determined and permanently established by written agreement of all parties thereby affected, signed and acknowledged by each as required for conveyances of real estate, clearly designating the same, and accompanied by a LAND SURVEY PLAT THEREOF PREPARED IN ACCORDANCE WITH 38-51-106, C.R.S. map or plat thereof which shall be recorded as an instrument affecting real estate, and shall be binding upon their heirs, successors, and assigns. MONUMENTS SHALL BE SET FOR ANY LINE, CORNER OR BOUNDARY INCLUDED IN SAID AGREEMENT.

MINORITY REPORT

Any line, or disputed corner or boundary may be determined and permanently established by written agreement of all parties thereby affected, signed and acknowledged by each as required for conveyances of real estate, clearly designating the same, and accompanied by a map or plat thereof which shall be recorded as an instrument affecting real estate, and shall be binding upon their heirs, successors, and assigns. THE ESTABLISHMENT OF AGREEMENT BOUNDARIES BY THIS METHOD, INCLUDING ALL EXISTING AGREEMENTS, SHALL NOT BE CONSIDERED AS CREATING NEW LAND PARCELS WHICH ARE SUBJECT TO REVIEW AND APPROVAL BY CITY, COUNTY OR STATE AGENCIES.

Agenda Item 38-51-106(1)(c)

Lawrence Connelly moved to accept his proposed wording of 38-51-106(1)(c) Doyle Abrahamson seconded the motion.

Proposed wording read as follows:

38-51-106(1)(c)
All FIELD MEASURED dimensions necessary to establish the boundaries in the field;

Discussion was entertained and through friendly amendments the

wording was revised to read as follows:

38-51-106(1)(C)
All FIELD-MEASURED dimensions necessary to establish the boundaries ~~in the field~~ ON THE GROUND;

A roll call vote was taken with the following results:

Ron Perkins (Yes)
Maurice Schumann (No)
Dexter Brinker (No)
Georgia Satterlee (Yes)
Lawrence Connolly (Yes)
Doyle Abrahamson (Yes)
Warren Ward (Yes)
Gene Cooper (Yes)
Roger Nelson (Yes)

Agenda item 38-51-106(I)

Maurice Schumann moved his proposed wording be accepted adding the requirement to define units of measure on Land Survey Plats. Dexter Brinker seconded the motion.

Proposed wording read as follows:

38-51-106(I)
A STATEMENT DEFINING THE LINEAL UNITS USED WHETHER METERS, CHAINS, FEET, US SURVEY FEET OR OTHER. IF IT IS NECESSARY TO DEFINE CONVERSION FACTORS, THEY SHALL BE A FUNCTION OF THE METER AS DEFINED BY UNITED STATES DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.

Opened for discussion and no discussion was offered.

A roll call vote was taken with the following results:

Ron Perkins (Yes)
Maurice Schumann (Yes)
Dexter Brinker (Yes)
Georgia Satterlee (Yes)
Lawrence Connolly (Yes)
Doyle Abrahamson (No)
Warren Ward (Yes)
Gene Cooper (Left Meeting Early)
Roger Nelson (Abstain)

Agenda item 38-51-102(12.3)

Maurice Schumann moved his proposed revision be accepted deleting the word point. Dexter Brinker seconded the motion.

Proposed wording read as follows:

38-51-102(12.3)
"Monument" means the object or physical structure that marks the corner ~~point~~.

Discussion was entertained and Doyle Abrahamson read the definition of Monument from the 1973 BLM Manual. This definition matched verbatim the existing Statutory definition.

A roll call vote was taken with the following results:

Ron Perkins (Abstain)
Maurice Schumann (Yes)
Dexter Brinker (Yes)
Georgia Satterlee (Abstain)
Lawrence Connolly (No)
Doyle Abrahamson (No)
Warren Ward (No)
Gene Cooper (Left Meeting Early)
Roger Nelson (No)

38-51-102(12.3) will remain to read as follows:

"Monument" means the object or physical structure that marks the corner point.

Agenda item 38-51-102(6.4)

Maurice Schumann moved his proposed definition of "Boundary" be accepted. Dexter Brinker seconded the motion.

Proposed wording read as follows:

38-51-102(6.4)
"Boundary" means a line or lines, straight or curved, along a parcel perimeter which connect corners. A boundary may also be referred to as a "property line," "easement line" or "right-of-way line."

Discussion was entertained and Doyle Abrahamson read the definition contained in Blacks Law Dictionary "Every separation, natural or artificial, which marks the confines

Continued page 28

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or line of division of two contiguous properties. Limits or marks of enclosures if possession be without title, or the boundaries or limits stated in title deed if possession be under a title."

A roll call vote to table was taken with the following results:

Ron Perkins (No)
Maurice Schumann (Yes)
Dexter Brinker (Yes)
Georgia Satterlee (No)
Lawrence Connolly (No)
Doyle Abrahamson (No)
Warren Ward (No)
Gene Cooper (Left Meeting Early)
Roger Nelson (No)

A substitute motion by Warren Ward was made to table the definition of Boundary for further discussion. Doyle Abrahamson seconded the substitute motion.

A roll call vote to table was taken with the following results:

Ron Perkins (Yes)
Maurice Schumann (Yes)
Dexter Brinker (Yes)
Georgia Satterlee (Yes)
Lawrence Connolly (Yes)
Doyle Abrahamson (Yes)
Warren Ward (Yes)
Gene Cooper (Left Meeting Early)
Roger Nelson (Yes)

Agenda Item 12-25-201

Dexter Brinker moved his proposed amendment to 12-25-201 be accepted. Maurice Schumann seconded the motion.

Proposed wording read as follows:

12-25-201 General provisions. In order to safeguard life, health, and property and to promote the public welfare, the practice of professional land surveying in Colorado is hereby declared to be subject to regulation. It shall be unlawful for any individual to practice professional land surveying in Colorado or to use in connection with such individual's name, or to otherwise assume, or to advertise any title or description tending to convey the

impression that such individual is a professional land surveyor, unless such individual has been duly registered or is exempted under the provisions of this part 2. The practice of professional land surveying shall be deemed a privilege granted by the state of Colorado based on the qualifications of the individual as evidenced by such individual's licensing and registration. A LICENSEE MAY, SUBJECT TO ALL APPLICABLE STATE STATUTES, PRACTICE PROFESSIONAL LAND SURVEYING IN ANY COLORADO CITY, COUNTY, CITY AND COUNTY, HOME RULE CITY, TOWN OR SPECIAL SERVICE DISTRICT. SUCH GOVERNMENTAL OR QUASI-GOVERNMENTAL ENTITIES SHALL NOT IMPOSE REQUIREMENTS IN ADDITION TO THOSE SET FORTH IN SAID STATE STATUTES, INCLUDING THIS PART 2, FOR THE PRACTICE OF PROFESSIONAL LAND SURVEYING WITHIN THEIR JURISDICTIONS.

Discussion was entertained and Peg Ackerman pointed out that this would face serious opposition and that it would not have any effect on Home Rule Cities. Warren Ward and Doyle Abrahamson expressed their opposition as a County Surveyor's.

A roll call vote to table was taken with the following results:

Ron Perkins (No)
Maurice Schumann (Yes)
Dexter Brinker (Yes)
Georgia Satterlee (Abstain)
Lawrence Connolly (No)
Doyle Abrahamson (No)
Warren Ward (No)
Gene Cooper (Left Meeting Early)
Roger Nelson (No)

Agenda item for required time to take LSI, SIT, SI or FS exams

Ron Perkins tabled this item due to time constraints.

Agenda item to expand optional duties of the County Surveyor
Warren Ward moved his proposed amendment to 30-10-903(d) be accepted. ?? seconded the motion.

Discussion was entertained and

Doyle Abrahamson, Broomfield County Surveyor, opposed the addition of optional duties to the statutes. Maurice Schumann expressed concern of the County Surveyor competing with the private surveyor by performing such an extensive range of services and that the existing statute allows the county surveyor to perform services beyond what is defined by statute. Warren Ward expressed that the pay for County Surveyors was determined based on the statute definition of duties and that it limits his ability to perform services outside of this definition. Warren withdrew his motion because there wasn't the required support for the motion to pass.

Agenda item to obtain a sponsor for the Bill

Peg Ackerman has spoken with Randy Fisher, a water Engineer from Fort Collins, and he is entertaining the sponsor of our Bill. He would like to meet and learn more about the proposed Bill prior to committing to sponsor.

Agenda item PLSC Committee chairman change

Ron Perkins stated that he will remain on the legislative committee. His replacement as chair will be named following the PLSC Board election results. Lawrence Connolly was mentioned as a possible replacement. Ron also related that J.B. Guyton will name a replacement immediately following the election results.

Agenda item to plan next meeting

The tentative date of January 17, 2007 at 7:00 PM – 8:00 PM was set. A conference call meeting may have to be held pending the results yielded by the drafting room.

Meeting Adjourned at 8:35 PM

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WCLS ANNUAL SPRING SEMINAR 2007

**Grand Vista Hotel
2790 Crossroads Blvd.
Grand Junction, CO 81506
May 4, 2007**

MORNING SESSIONS

Wendy Lathrop

8:00-12:00

Documentation: Self Defense for the Surveying Professional

We can reduce our risks as professionals by following common sense and sound business practices seasoned with knowledge of the law. Documenting our activities makes both business and legal sense. Contractual law, rules of evidence, and pertinent statutes are used as examples in this discussion of forms of documentation and the protection they supply us.

Lee Stiles

8:00-12:00

Railroads and Canals

A discussion of basic liability and its relevance to you, individually or on the job; review from the History of Public Land Law Development in relation to the Railroad as it looks today; Riparian issues: Riparian Owners vs. Riparian Proprietors; and Canals/Subdivisions in Mesa County & the issue of quiet title and Title Companies. A short test on liability will be given with answers supplied at the end of class.

10:00 to 10:15 Morning Break;
Vendors

12:00-1:00 Complimentary lunch @
Oliver's

AFTERNOON SESSION

Wendy Lathrop

1:00-5:00

Disputes Between Adjoining
Landowners

A half-day session on the ins and outs of boundary disputes between ad joiners and the role the professional surveyor should play in those disputes. Surveyors

often find there is more than one opinion as to the location of boundary lines between ad joiners. Disagreements and their legally prescribed resolutions are discussed, Including adverse possession, quiet title actions, estoppel, boundary line commissions, and agreements.

Bob Larsen

1:00-5:00

Retracing Patented Mining Claims: will include a brief review of the 1872 Mining Law, discussion of the patenting of Federal lands, U.S. Mineral Monuments and associated recorded documents. Examples and discussion of Mineral Survey Notes, Mineral Survey Plats, together with Patent records and Colorado State Law will be included. A majority of the time, however, will be spent discussing field evidence and interpretations. This will be based upon what you look for, what you may find and how you interpret where the original corners were actually located.

2:00-2:45 Break and awarding of
door prizes.

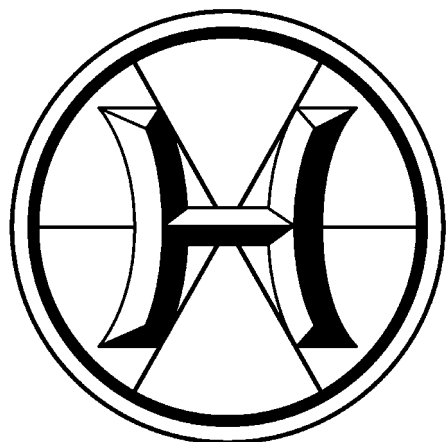
ABOUT OUR SPEAKERS

Wendy Lathrop is licensed as a Professional Land Surveyor in New Jersey, Pennsylvania, Delaware, and Maryland, and as a Professional Planner in New Jersey. She holds a Master's degree in Environmental Policy, and has been involved in surveying since 1974 in projects ranging from construction to boundary to environmental land use disputes. Wendy is also a Certified Floodplain Manager through the Association of State Flood Plain Managers (ASFPM). She has been teaching seminars for surveyors since 1986 and has been writing articles for surveyors since 1983.

Wendy is a contributing editor for "The American Surveyor" magazine, and has two articles included in the American Bar Association's text, "Land Surveys: A Guide for Lawyers and Other Professionals". Wendy has represented the American Congress on Surveying and Mapping on the Technical Mapping Advisory Council to FEMA for the five years of that advisory group's appointment. She was a panel member of the National Academy of Public Administration's study of US Geographic Information resources. Wendy is a past President of the New Jersey Society of Professional Land Surveyors and of the NSPS, and currently serves on the Board of Directors for the American Association for Geodetic Surveying.

Lee Stiles- is in his 2nd term as the Mesa County Surveyor, and is licensed not only in Colorado, but as a Colonial Land Surveyor in Connecticut and Rhode Island. He has served on the Minimum Standards Committees in Colorado and Rhode Island and as a Monitor for two terms on the Colorado State Board. He has made numerous appearances as an expert witness. He has been an NSPS contributor at the National Conference and has presented seminars for the WCLS. Bob Larsen- Bob Larson has an Engineer of Mines degree from the Colorado School of Mines, is a Certified Professional Geologist and a Registered Land Surveyor. Mr. Larson began working in the San Juan's on mining and exploration projects in the mid 1960's and has over 40 years experience looking for, finding and more recently re-establishing the corners and boundaries of patented mining claims. He is owner of Manadnock Mineral Services and part owner of Merritt LS, LLC.

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For a Surveyor by a Surveyor

2007 Colorado Refresher Course

The Western Colorado Land Surveyors (WCLS) and the Metropolitan State College of Denver Surveying and Mapping Program are offering a comprehensive Land Surveying Refresher Course for 2007. This course offers a review and self-study plan for those taking the NCEES Fundamentals of Surveying, Principles and Practice of Surveying and Colorado specific examinations. The course is specifically designed to aid candidates in ***developing and expanding exam-taking proficiencies***

REFRESHER COURSE SCHEDULE

<u>Session</u>	<u>Date</u>	<u>Topic</u>	<u>Instructors</u>
1	March 3	Overview NCEES/COLO	Teresa Smithson
		Fundamentals of Surveying I	Teresa Smithson/Thomas Sylvester
2		Fundamentals of Surveying II	Thomas Sylvester
3	March 10	Geodesy, GIS and State Plane	Teresa Smithson/Thomas Sylvester
4		Legal Terminology and Definitions	Teresa Smithson
5	March 17	U.S. Public Land Surveys I	Gene Dollarhide
6		U.S. Public Land Surveys II	Gene Dollarhide
7	March 24	Colorado Law I	TBD
8		Colorado Law II	TBD
9	March 31	Business, Ethics, Prin. & Practice	Teresa Smithson
10		Topic Review, Open Discussion	Teresa Smithson
11	April 7	Mock Examinations	Teresa Smithson

Times

The Saturday classes will consist of two 3-1/2 hours sessions: The morning session will start promptly at 8:00 A.M. The afternoon session will start at 12:30 P.M. The April 7 session will consist of a mock FS and PS/Colorado NCEES examination. The exam will start at 8:00 A.M., and end at Noon.

Registration and Costs

The fee for the entire course is \$250, or \$40 per 3.5-hour block taken individually. Complete and mail the Registration Form to the address provided. Early registration is recommended so that adequate handout materials can be assured. Optional: Course content offered on compact disc with lecture notes, \$130.

Materials

It is suggested you bring a NCEES approved calculator (see list below), any surveying textbooks available to you, a Manual of Surveying Instructions, 1973, Black's Law dictionary, a 3-ring binder

for notes handout materials and an inquiring mind. Homework and quizzes are to be expected.

NCEES Approved Calculators: Hewlett Packard - HP 33S, Casio - FX 115MS or FX 115MSPlus, Texas Instruments - TI 30X IIS, Texas Instruments - TI 36X SOLAR

Location and Further Information

All sessions of the Colorado Refresher Course will be held in the Large Training Room at Delta-Montrose Technical College, EXCEPT the first 2 sessions held on March 3. This first day of class will be held in the Robideaux Room at Delta-Montrose Technical College. There will be signs directing you to the proper room.

For questions on registration contact Susan Call, Program Manager, MSCD Extended Campus at 303-741-6394. Deadline for Registration is **February 15, 2007**. Registration and payment must be received prior to attending a session. For other questions contact Teresa Smithson at 970-201-6044.

Registration form on page 33

Metropolitan State College of Denver – Surveying and Mapping Program

Registration Form for Colorado Refresher Courses

Please register me for the course(s) checked below

☐ 10 Session Colorado Refresher Course \$250

or

Individual Sessions

☐ Overview of NCEES, \$40

☐ Fundamentals of Surveying I \$40

☐ Fundamentals of Surveying II \$40

☐ Geodesy, GIS and State Plane Coordinates \$40

☐ Legal Terminology and Definitions \$40

☐ U.S. Public Land Surveys I \$40

☐ U.S. Public Land Surveys II \$40

☐ Colorado Law I \$40

☐ Colorado Law II \$40

☐ Business, Ethics, Principles and Practice \$40

☐ Mock Examination \$40

☐ 10 DVD disc set and lecture notes \$130

Registration Information:

Name: _____

Mailing Address: _____

City _____ State _____ Zip Code _____

Business Phone: _____ Fax _____

Home Phone: _____

Email _____

Payment:

Enclosed please find my payment for: \$ _____

☐ 10 Session Course (\$250) \$ _____

☐ Individual Course (s) x \$40 each \$ _____

☐ 10 DVD disc set and lecture notes (\$130) \$ _____

Total \$ _____

☐ Check enclosed for total charge. Make checks payable to Metro State

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Expiration Date _____

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Attn: Survey Dept.
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Greenwood Village, CO 80111



2006 SUSTAINING MEMBERS

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Fort Collins, CO 80525

AEROTEK

2000 S. Colorado Boulevard
Building 2, Suite 150
Denver, CO 80222

AGA GEODOMETER

Paul McDaniel
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Boulder, CO 80301

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321 East 57th Ave., Unit A
Denver, CO 80216

Genzel Land Surveying, P.C.

7033 Cole Road
Colden, NY 14033-9720

GORE RANGE SURVEYING, LLC

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Vail, CO 81657

HIXON MANUFACTURING & SUPPLY CO.

1001 Smithfield Drive
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