



Central Valley Chapter - California Land Surveyors Association
www.californiacentralvalleysurveyors.org

Central Valley Chapter THE PRISM

Up
Coming
Meetings!

Date: December 7, 2016

Time: 6:00 p.m.

Location: Perko's @ 901 North Carpenter Road, Modesto

Speaker: Pat Tami, NCEES President-Elect

Topic: Questions about NCEES

**Have a Safe and Happy
Holiday Season!!!!**

Announcements

PRESIDENT-ELECT DECIDED BY MEMBERSHIP ELECTION

After recent membership election, the 2017 State CLSA President-Elect will be Ron Nelms.

ADOPT-A-ROAD CLEANUP DAY

Due to lack of participation, the Adopt-A-Road Program will be discontinued after the next Clean-up Day, which will be scheduled for early spring 2017.

2017 FRESNO GEOMATICS CONFERENCE ANNOUNCED

The 2017 California State University, Fresno Geomatics Conference has been scheduled for January 27th & 28th. It will be held at the Double Tree Hotel in Downtown Fresno.

2016-17 NCEES PRESIDENT-ELECT ANNOUNCED

Former Board member Pat Tami, P.L.S., was installed as 2016–2017 President-Elect at the NCEES Annual Meeting last week. In the 96 year history of NCEES, Mr. Tami will be only the 4th representative from California to serve as President and only the 4th licensed Land Surveyor!

2017 CLSA ANNUAL CONFERENCE ANNOUNCED

The 2017 Annual Conference has been scheduled for March 24-28. It will be held at the Wyndham Anaheim Garden Grove. Presenters are still needed. If interested, please contact the 2017 CLSA Conference Committee by December 1, 2016.

[Click for more information](#)

SURVEY COMING SOON TO CHAPTER MEMBERS

Chapter Executive Committee is currently working on a survey for Chapter membership. This is your opportunity to make suggestions and give guidance on our monthly meetings.

2016 Chapter Officers

President: Will Paul
 Vice President: Rich Fultz
 Secretary: Rich Brown
 Treasurer: Warren Smith
 Chapter Director: Keith Spencer
 Chapter Director: Kevin Genasci
 Alt. Chapter Dir: Warren Smith
 Alt. Chapter Dir: Rich Fultz

2016 Chapter Committees

By-Laws Committee:
 Keith Spencer (Chairman)
 Construction Committee:
 Open (Chairman)
 Education Committee:
 Kevin Genasci (Chairman)
 Membership Committee:
 Rich Brown (Chairman)
 Monument Preservation Committee:
 Mike Quartaroli (Chairman)
 Newsletter:
 Rich Brown (Editor)
 Professional Practices Committee:
 Mike Quartaroli (Chairman)
 San Joaquin County Liaison Committee:
 Kevin Genasci (Chairman)
 Stanislaus County Liaison Committee:
 Rich Fultz (Chairman)
 Website:
 Keith Spencer (Web Master)

2016 Chapter Programs

Adopt-A-Road:
 Rich Brown (Coordinator)
 Boy Scout Merit Badge:
 Zachary Wong (Coordinator)
 TrigStar:
 Bill Koch (Coordinator)
 Workshops:
 Rich Brown (Coordinator)

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Classes, Training, and Continuing Education

CAD Masters - AutoCAD Level I (3-Day Course)

Nov 21-23, 2016 Walnut Creek
 Dec 5-7, 2016, Sacramento
 Dec 19-21, 2016 Walnut Creek
 Jan 4-6, 2017, Sacramento

[Register here](#)

CAD Masters - AutoCAD Level II (2-Day Course)

Nov 14-15, 2016 Walnut Creek
 Dec 8-9, 2016 Sacramento
 Dec 28-29, 2016 Walnut Creek

[Register here](#)

CAD Masters - AutoCAD Level III (1-Day Course)

Dec 15, 2016 Walnut Creek

[Register here](#)

CAD Masters - AutoCAD Civil 3D Intro (3-Day Course)

Nov 14-16, 2016 Walnut Creek
 Nov 28-30, 2016, Sacramento
 Dec 12-14, 2016 Walnut Creek
 Dec 28-30, 2016, Sacramento
 Jan 9-11, 2017, Walnut Creek

[Register here](#)

CAD Masters - AutoCAD Civil 3D Adv. (2-Day Course)

Nov 28-29, 2016, Walnut Creek

[Register here](#)

CAD Masters - AutoCAD Civil 3D for Surveyors(2-Day)

Nov 30-Dec 1, 2016, Walnut Creek

[Register here](#)

Mark Your Calendars

CLSA - Network RTK Systems in California

Dec 14, 2016, Webinar

[Register here](#)

CLSA - Phasing Boundary Surveys

Dec 14, 2016, Webinar

[Register here](#)

Jeff Lucas Workshop - Survey Evidence and Procedure/ Boundary Determination that Will Win in Court

November 17, 2016, Pleasanton

[Register here](#)

2017 Fresno State Geomatics Engineering Conference

January 27-28, 2017, Double Tree Hotel, Fresno

2017 National Geodetic Survey Geospatial Summit

April 24-25, 2017, Silver Spring, Maryland

If you have information about a training or class, please submit to: editor@californiacentralvalleysurveyors.org

President's Message



This has been a great year for the CLSA Central Valley Chapter. We were named Chapter of the Year for 2016. Our members have been busy setting the standard for the state in monument preservation, helping boy scouts get their surveying merit badges, dedicating hours to preserving unrecorded surveys, maintaining this award winning newsletter, and serving critical roles at the state level. Thank you all, for all that you do, to support your fellow surveyors and the community. This organization would not exist without your hard work.

Let's make 2017 an even better year. Very soon you will be receiving a survey (not that kind of survey – a survey of your opinions) on ways to improve our meetings and increase our membership. We need your input, especially those of you who haven't been able to attend recently. We are entertaining ideas such as rotating meeting locations, lunch meetings, including topics of

interest for LSIT's, etc. Please let your voice be heard and help us continue to have well attended, high quality meetings.

I look forward to seeing you at our next meeting and wish you all happy holidays.

William Paul, PLS

President, CLSA Central Valley Chapter

If you would like to comment on this topic or suggest another, please submit it to: editor@californiacentralvalleysurveyors.org

Local News

Holiday Closures for Local Agencies

The following are closure dates for local Agencies. Please note that this is just a guide to office closures and may not be entire schedule. Office hours and closure dates may change without notice.

Merced County: 11/11/2016, 11/24&25/2016, 12/26/2016, 1/2/2017

City of Merced: 11/11/2016, 11/24&25/2016, 12/26/2016, 1/2/2017

City of Atwater: 11/4/2016, 11/10&11/2016, 11/18/2016, 11/23-25/2016, 12/2/2016, 12/9/2016, 12/16/2016, 12/22-26/2016, 12/29/2016

City of Livingston: 11/11/2016, 11/24&25/2016, 12/23-26/2016, 12/30/2016, 1/2/2017

San Joaquin County: 11/11/2016, 11/24&25/2016, 12/26/2016, 1/2/2017

City of Escalon: 11/11/2016, 11/24&25/2016, 12/23/2016, 12/26/2016, 1/2/2017

City of Lathrop: 11/11/2016, 11/24&25/2016, 12/9/2016, 12/23/2016, 12/26/2016, 1/2/2017

City of Lodi: 11/11/2016, 11/23-25/2016, 12/9/2016, 12/22(half day)-26/2016, 1/2/2017

City of Manteca: 11/11/2016, 11/24&25/2016, 12/9/2016, 12/23/2016, 12/26/2016, 1/2/2017

City of Stockton: 11/10&11/2016, 11/14/2016, 11/24&25/2016, 12/9/2016, 12/23/2016, 12/26/2016, 1/2/2017

City of Tracy: 11/11/2016, 11/24&25/2016, 12/9/2016, 12/23/2016, 12/26/2016, 1/2/2017

Stanislaus County: 11/11/2016, 11/24&25/2016, 12/26/2016, 1/2/2017

City of Ceres: 11/11/2016, 11/24&25/2016, 12/23/2016, 12/26/2016, 12/30/2016, 1/2/2017

City of Hughson: 11/11/2016, 11/24&25/2016, 12/26/2016, 1/2/2017

City of Modesto: 11/11/2016, 11/24&25/2016, 12/26/2016, 1/2/2017

City of Newman: 11/11/2016, 11/24-25/2016, 12/23-30/2016, 1/2/2017

City of Patterson: 11/11/2016, 11/24&25/2016, 12/23/2016, 12/26/2016, 12/30/2016, 1/2/2017

City of Riverbank: All Fridays in November and December as well as: 11/24/2016, 12/26-29/2016, 1/2/2017

City of Turlock: 11/11/2016, 11/24-25/2016, 12/26-30/2016, 1/2/2017

Modesto Irrigation District: 11/11/2016, 11/24&25/2016, 12/26/2016, 1/2/2017

Oakdale Irrigation District: 11/11/2016, 11/24&25/2016, 12/9/2016, 12/23/2016, 12/26/2016, 1/2/2017

Patterson Irrigation District: 11/11/2016, 11/24&25/2016, 12/23/2016, 12/26/2016, 12/30/2016, 1/2/2017

Turlock Irrigation District: 11/11/2016, 11/24-25/2016, 12/23/2016, 12/26/2016, 12/30/2016, 1/2/2017

Please have a safe and happy 2016 Holiday Season

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BENEFITS

SANDIS employees enjoy numerous benefits including medical, vision, dental, 401k matching, health savings accounts (HSA), transportation benefits, and educational reimbursement. We do more than the benefits you see on paper though, this year employees were treated to motorcycle rides, a family trip to Great America, and multiple ski trips.



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Project Surveyor | 3+ Years of experience | Selma, CA

CAD Technician | 3+ Years of experience | Manteca, CA

CAD Technician | 3+ Years of experience | Selma, CA

Field Party Chief | 5+ Years of experience | Selma, CA (multiple positions open)

Field Chainmen | 2+ Years of experience | Selma, CA (multiple positions open)

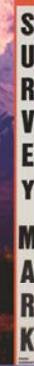
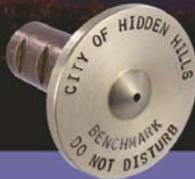
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Safety

City of Turlock Leads the Way

Written by Rich Fultz, PLS

In recent years, City of Turlock City Survey Department has led the way on change. When legislation passed in 2015 to help enforce 8771 of the Professional Land Surveyors Act, Rich Fultz, City Surveyor for the City of Turlock implemented a Monument Preservation program that made Land Surveyors responsible for protecting monuments within a project's area. Now Rich Fultz and his crews are leading the way in safety.

On October 25th the City of Turlock City Land Surveyor coordinated an event between City of Turlock Departments and a private sector Land Surveying crew. The focus of the coordinated event was to achieve maximum safety and minimum disruption to City of Turlock motorists during the event. Hawkins and Associates Engineering and Surveying is contracted to complete a survey for the City of Turlock. The crew's specific task was to obtain the location and information on a survey monument in the intersection of Geer Road and Monte Vista Avenue. The location and information on this survey monument is critical to ensure an accurate resolution for the survey. There were no other options to gather the needed location and information on this survey monu-

ment. The City Land Surveying staff has surveyed this monument in the past utilizing conventional traffic control devices (i.e. Signage and traffic cones). The actual location of this monument is between the through lanes traveling eastbound and southbound, thus making it very dangerous with conventional traffic control devices. The danger is not limited to the crews working in the roadway, the motorists are frequently confused, thus causing a potential for a traffic accident. The



The intersection of Geer Road and Monte Vista Avenue has approximately 40,000 vehicle trips per day. The volume of traffic at this level makes it very difficult to work in the roadway safely. Having an understanding of all these concerns, we needed to explore other options. After a brief discussion between the City Land Surveyor and the Traffic Engineering Manager, a better solution was established. The Traffic Engineering Manager agreed to operate the control panel for the traffic signal. He was able to keep the red lights on for the traffic in the path of the survey crew until they completed their task. The City of Turlock Police Department agreed to assist in the

[Continued on page 7](#)

One Man Crews, *cont. from page 6*

event as well. A City of Turlock Police Officer was stationed in the intersection during the event. The time of the event was strategically selected at 10:15 am. This time of day is a non-peak traffic volume time of day. The event from start to finish took 3 minutes and 29 seconds. A typical red light is between 1 and 1 1/2 minutes. Therefore, the impact was very minor for the motorists during the event. More importantly, the task was completed and everyone involved went home safely.

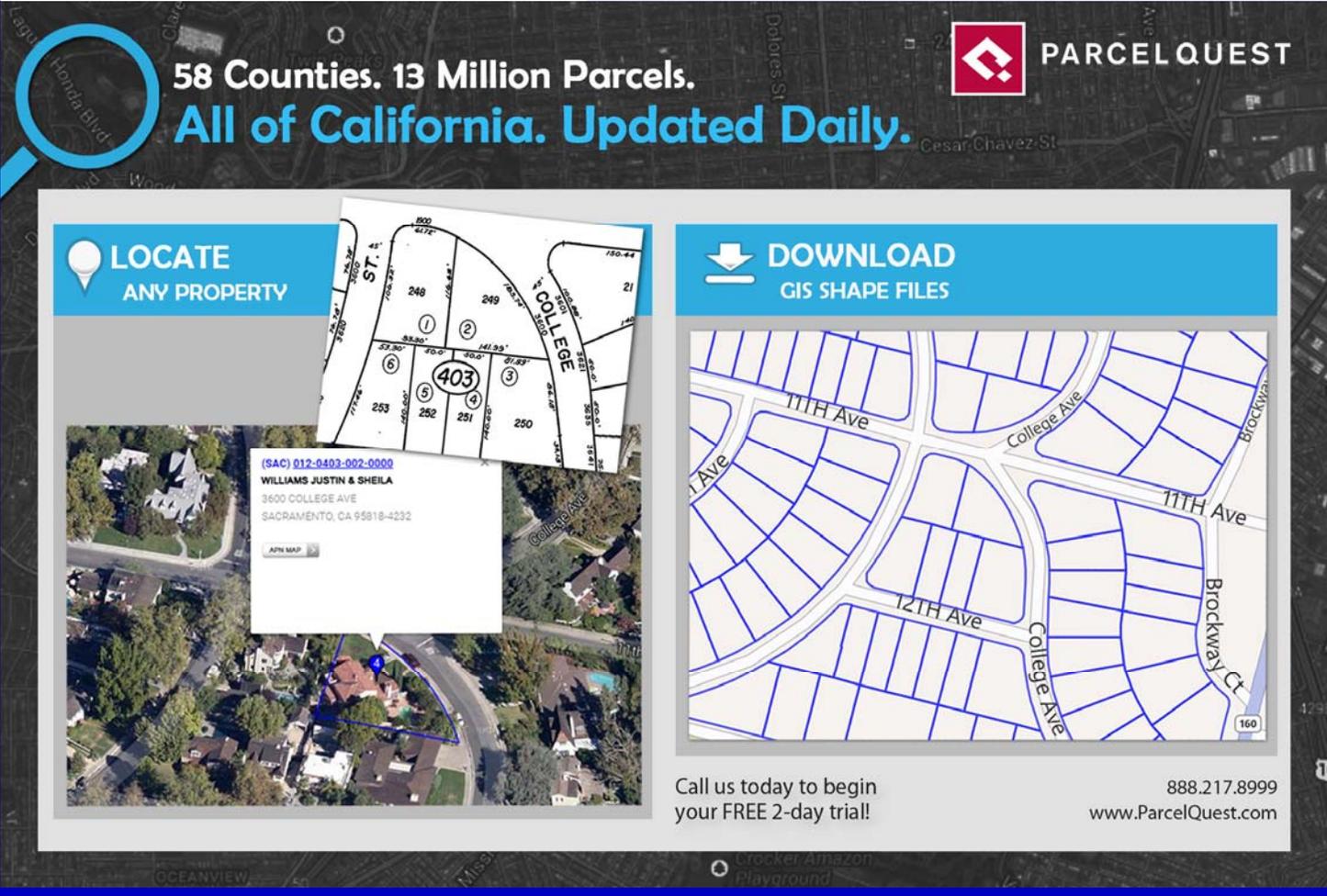
I want to thank everyone who was involved in this effort and the motorists for their patience. The City of Turlock staff will continue to seek out options to make every task more efficient and completed as safe as possible.



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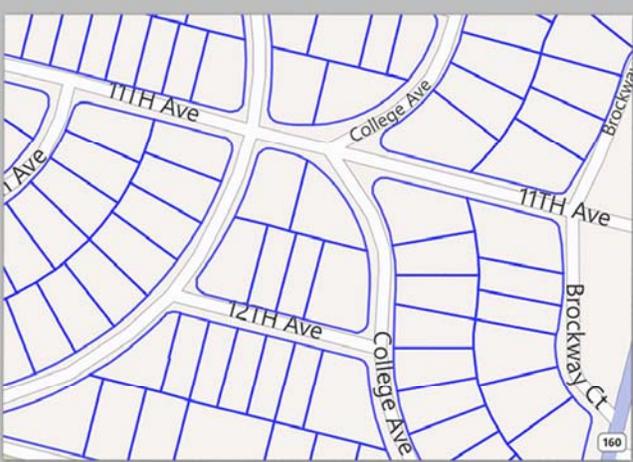
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Just For Laughs

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Chase Perryman
For allowing us
to share his
great work.

HAPPY HOLIDAYS FROM OUT-OF-PLUMB.COM!

Wishing you a safe and happy Holiday Season from Central Valley Chapter CLSA

Classifieds

Turlock Irrigation District T.I.D.) has opening for Survey Technician II

The Turlock Irrigation District is now accepting external applications for Survey Technician II

Opening Date: 10/24/16 (Monday)

Closing Date: 11/14/16 (Monday)

General Summary: Assist the party chief with a variety of subprofessional office and field surveying work including surveying of irrigation and electrical facilities, drafting, mapping, and operation of survey equipment; to provide assistance to other engineering staff as necessary; and prepare permits or other documents as directed by the Survey/Right of Way Manager.

Salary Range: \$5,038.00 - \$7,086.00 Monthly

For full information and to apply, follow this link: [https://agency.governmentjobs.com/turlockid/job_bulletin.cfm?](https://agency.governmentjobs.com/turlockid/job_bulletin.cfm?JobID=1553154)

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VISTA



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Monument Obituary

A Land Surveying Dilemma

By Mike Quartaroli, L.S.

A Galt dairyman is saddened to announce the passing of a survey monument marking a property corner of his homesite parcel. The lonely passing of this young survey monument occurred during the early hours of May 14, 2016 with no one at its side.

“Southeast,” as the monument was affectionately known in the neighborhood, was born August 18, 2005. Southeast was one of twelve, and was preceded in death by three of its siblings. Southeast graduated at the bottom of its class from the Supply Room Academy. Southeast was selected to be set at the southeast property corner of a two acre homesite parcel adjacent to a dairy waste water pond. Unfortunately for Southeast, this location was isolated, smelly, rarely visited, and was overgrown by a large patch of wild blackberries known to harbor vermin. Other classmates were selected to be set at more prestigious positions such as C 1/4, E 1/16, and W 1/16 corners adorned with brass caps instead of a plastic cap. Southeast was not a popular survey monument and there is no record of it being found or used since it was originally set. Southeast was a plain 3/4” x 24” rebar with a plastic cap set on top. Southeast’s birth certificate noted that it was a 30 incher, but sadly, in reality, it was only 24” long. Size and character does matter in land surveying issues, and shrinkage was not the cause of the discrepancy. Further investigation revealed that a young sympathetic clerk felt sorry for Southeast and embellished its birth certificate. In yet another humiliating disappointment for Southeast, this young survey monument was stricken down before it was even able to develop a good distinctive rust patina. Southeast was fortunate, though, not to have been involved in the scandalous boundary dispute which brought shame to four of its siblings by ignoring long established fence lines. A contentious lot line adjustment process resolved the boundary dispute, but the four siblings will forever be looked upon as causing the bitter dispute. Various survey monuments are being interviewed to determine who will replace Southeast.

Monument Conservation counselors were offered to the neighboring land owners but no one accepted the offer. Also, a neighborhood meeting to explain the replacement of Southeast was organized, but no one came. The remains of Southeast have been brought to the LS 4450 Survey Monument Mausoleum for internment.

Donations of your time to the CLSA Central Valley Chapter Monument Conservation Committee is requested in memory of Southeast. There are many tasks with which you can help. Ask about the “Adopt a Monument” program. Make a lasting contribution to the land surveying profession.

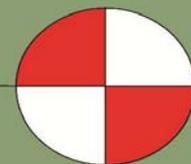


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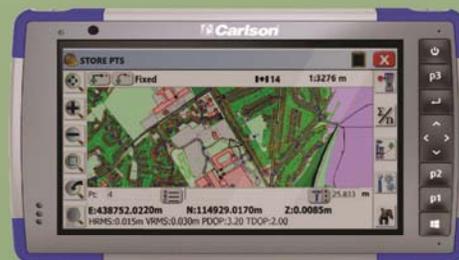
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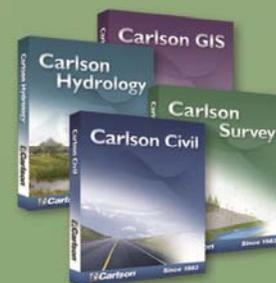
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Chico 9/15

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Pictures of the Issue



Pictured Above: Our newest Chapter "Life Member" Keith Spencer with long time Chapter Member, Max Garcia



Pictured to Right: Keith Spencer with Ric Moore, BPELSG Executive Director

If you have a historic or interesting photo you would like to see in a future edition of The Prism, please submit to: editor@californiacentralvalleysurveyors.org

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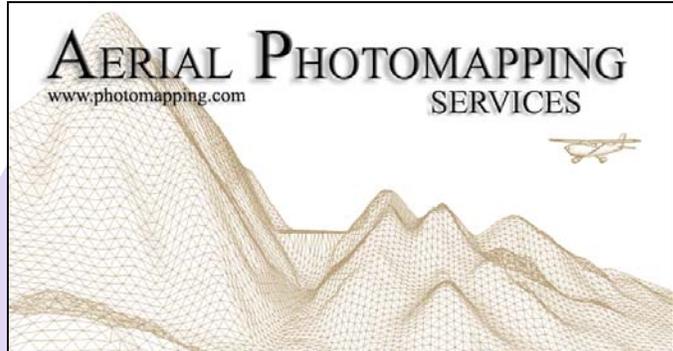
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CLSA EDUCATION FOUNDATION
Land Surveying Photo Gallery



California Land Surveyors Association Education Foundation would like to thank Bryant Sturgess for generously donating his collection of historic images.

The proceeds from the photos sold on this website will be used to fund scholarships for land surveying students.

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