

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



Central Valley Chapter THE PRISM



All Chapter meetings are
"To be Determined at this time."
Below is a list of scheduled dates:
March 23, 2022 - Regular Meeting

Please see the Chapter website at
<https://californiacentralvalleysurveyors.org/printing-press>
for more information.

Shop at AmazonSmile
and Amazon will make
a donation to:

California Land Surveyors
Association
Education Foundation
Or another Charity of your choice.



Announcements

2022 STATE CLSA CONFERENCE ANNOUNCED

CLSA will participate in the 2022 Western Regional Survey Conference "Mapping the Path for the Next Generation", March 30-April 2, 2022 at the Luxor Hotel Casino, Las Vegas, NV. Go to plseducation.org for more information.

CAD MASTERS AT HOME

CAD Masters has added Online options for most of it's AutoCAD classes
cadmasters.com/training/autocad

CLSA MEMBERSHIP ADDED BENEFIT

Once negotiations conclude, NSPS membership will be an added benefit for CLSA members. When sending in your State Membership dues, don't forget to support your local CLSA Chapter.

If you have news or an event that you would like to announce, send it
to: editor@californiacentralvalleysurveyors.org

2022 Chapter Officers

President: Landon Blake
Vice President: Tristan Higgins
Secretary: Dani Cano
Treasurer: Rich James
Chapter Director: Will Paul
Chapter Director: Landon Blake
Alt. Chapter Dir: Tristan Higgins
Alt. Chapter Dir: Rich James

2022 Chapter Committees

By-Laws Committee: Open (Chairman)
Education Committee: Open (Chairman)
Membership Committee: Rich Brown (Chairman)
Monument Pres Committee: Mike Quartaroli (Chairman)
Newsletter: Rich Brown (Editor)
Professional Practices Committee: Mike Quartaroli (Chairman)
Website: Landon Blake (Web Master)

2022 Chapter Programs

Public Outreach Committee: Zachary Wong (Coordinator)
Workshops: Open (Coordinator)

Table of Contents

Page 2 Classes, Training & Education
Page 2 President's Message
Page 3 Local News
Page 6 State News
Page 7 Classifieds
Page 9 Puzzle Page

Classes, Training, and Continuing Education

Mark Your Calendars

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

Mar 21-23, 2022 Walnut Creek
Apr 4-6, 2022 Sacramento
Apr 19-21, 2022 Online
May 2-4, 2022 Walnut Creek
May 16-18, 2022 Sacramento
May 31-2, 2022 Online

[Register here](#)

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

Mar 28-29, 2022 Walnut Creek
Apr 11-12, 2022 Sacramento
Apr 25-26, 2022 Online
May 9-10, 2022 Walnut Creek
May 23-24, 2022 Sacramento
June 6-7, 2022 Online

[Register here](#)

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

Apr 28, 2022 Walnut Creek
June 23, 2022 Sacramento
Aug 18, 2022 Online

[Register here](#)

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

Apr 25-26, 2022 Walnut Creek
June 20-21, 2022 Sacramento
Aug 15-16, 2022 Online

[Register here](#)

CAD Masters - Civil 3D Introduction (3-Day Course)

Apr 4-6, 2022 Walnut Creek
Apr 18-20, 2022 Sacramento
May 2-4, 2022 Online
May 16-18, 2022 Walnut Creek
May 31-2, 2022 Sacramento
June 13-15, 2022 Online

[Register here](#)

CAD Masters - Civil 3D Advanced (2-Day Course)

June 6-8, 2022 Walnut Creek
Aug 1-3, 2022 Sacramento
Sept 26-28, 2022 Online

[Register here](#)

Land Use Navigators - Online classes now available

Mar 25, 2022
Apr 29, 2022

[Register here](#)

CLSA 2022 Conference

Joint Conference: APLS, CLSA, NALS, UCLS, & WFPS
Luxor Hotel & Casino - Las Vegas, NV
March 30-April 2, 2022

[Register here](#)

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

State President's Message



Hello, Central Valley chapter! I am honored to represent you – and all the chapters of CLSA this year.

Among my priorities has been to gain traction for Mike Quartaroli's paper on post disaster monument preservation. It has been circulated among our sister associations in the Western Federation of Land Surveyors, as well as the National Society of Professional Surveyors. Other jurisdictions struggle with recovery from tornadoes, hurricanes, and floods, not just wildfires.

CLSA is co-hosting a Western Regional Surveyors Conference in Las Vegas from March 30 through April 2 at the Luxor Resort. It looks to be a great time, after two years of virtual conferences.

National Surveyors Week is the fourth week of March. I have set up a resolution for our Board of Supervisors to recognize the efforts of our local land surveying community. The same is being prepared for the State Assembly as well.

CLSA is considering joining NSPS. This would be covered by current state membership dues. The Board of Directors will discuss the Memorandum of Understanding during its April meeting. Present members of NSPS will have their 2022 dues (some \$235) refunded.

Covid restrictions have impacted all chapters and, while Zoom provides a means to gather regularly, it is not the same as face to face meetings over dinner.

Let's all hope that 2022 brings culmination to this "hiccup" to our gatherings. Ironically, it seems that work load has actually increased for surveyors over the last two years.

Warren Smith, CLSA State President

Local News

Caltrans Surveyors salvage piece of History at Capitol, February 6, 2022

This brass disk is atop the historical survey monument that will be relocated due to the State Capitol Annex project.

Photo by Project Delivery

Note: The following story was submitted by Caltrans' Division of Project Delivery.

The Caltrans Survey program recently completed a survey project to perpetuate the position of an historical survey monument in the grounds of the State Capitol in downtown Sacramento that will be removed to accommodate the Capitol Annex project.



The granite stone was set in 1888 by the United States Coast and Geodetic Survey (USC&GS). The Caltrans survey project was accepted by the National Geodetic Survey and given the highest vertical survey accuracy possible.



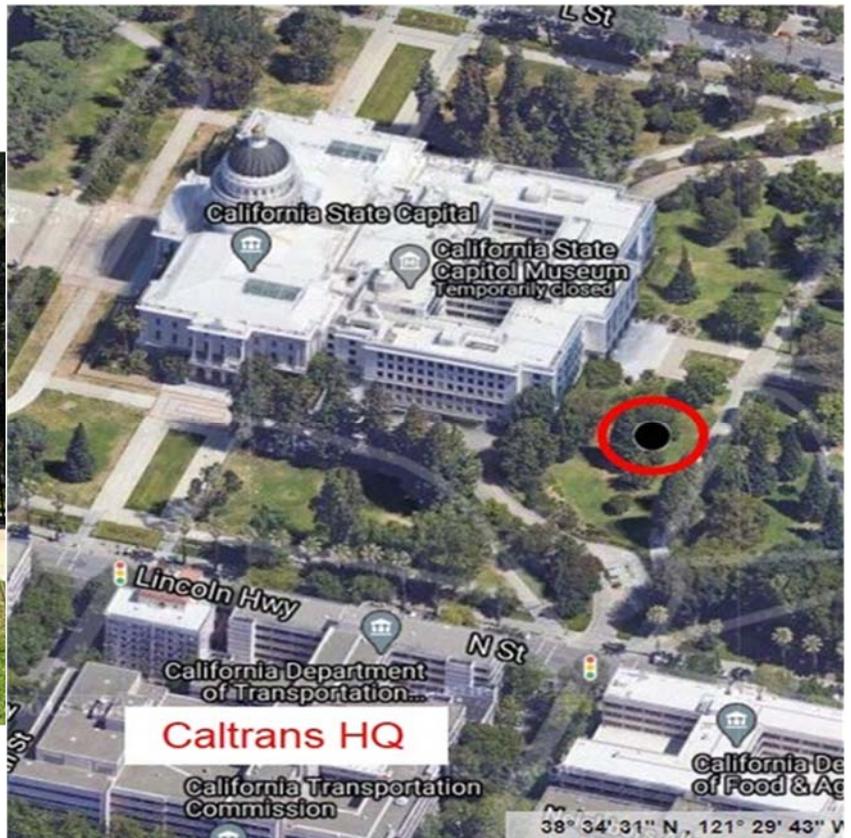
Shown here is the monument with the letters and numbers of its aged engraving superimposed atop the image.

Photo by Project Delivery



The Caltrans survey team that worked on the Capitol monument project included, from left, Parker Compton, Ray Miller, Chris Barr, Ken Kruger, Kevin Lundy and John Marcus.

Photo by Project Delivery



Shown here is the monument with the letters and numbers of its aged engraving superimposed atop the image.

Photo by Project Delivery

Western Regional Survey Conference

MAPPING THE PATH FOR THE

NEXT GENERATION

NEXT GENERATION

NEXT GENERATION

NEXT GENERATION



Live From
LAS VEGAS
Luxor Hotel

**MARCH 30 -
APRIL 2, 2022**

**Register Today!
PLSeducation.org**



SANDIS IS HIRING!

SANDIS is hiring numerous employees throughout the Central Valley to staff our work with California High Speed Rail.

[CLICK THIS AD TO SEE OPEN JOBS!](#)

ABOUT SANDIS

SANDIS has been in the engineering and surveying industry for over 50 years and has over 165 employees. We actively recruit well-rounded individuals whom are technically skilled, team oriented, honest, optimistic, energetic and communicative. Through structured internal and external training programs, we continuously invest in our people to ensure that skill proficiency remains at the forefront of technological and industry advancements.

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.



OPEN POSITIONS

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

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)

1640 W. YOSEMITE WAY, MANTECA, CA 95337
209.820.5380 | WWW.SANDIS.NET



SANDIS

CIVIL ENGINEERS
SURVEYORS
PLANNERS

State News

CLSA Sponsored Bill Signed By Michael Belote, Esq.

Like much of the world, the legislative environment in Sacramento is gradually, haltingly inching back to normal operations. Against a typical year total of approximately 1,000 new laws, enacted per year, in 2020 the pandemic interrupted legislative year saw fewer than 400 bills signed into law. This year's total of 770 is more than last year but still lower than "normal." Of course, 770 still represents a lot of new laws.

For this year, the California Legislature limited the number of bills each member could pass to twelve, because of the sheer difficulty of processing all 2500 new bills during the pandemic. Literally each member had to pick the twelve most urgent bills to the member. We do not believe that such limits will apply during 2022, the second year of the current 2021-2022 session.

We were pleased that Senator Brian Jones (R-Alpine) included CLSA-sponsored SB 414 in his top-12 bills. On July 16, Governor Newsom signed SB 414 into law, effective on January 1, 2022. With content suggested by the CLSA Legislative Committee and approved by the Board of Directors, the bill makes the following changes:

Includes, for apparently the first time in California history, a definition of "cadastral" surveying in the scope of practice for licensed land surveyors. While the practice of both cadastral and geodetic surveying has been limited to licensed surveyors for many years, remarkably the licensing law defined only geodetic surveying, with no definition of cadastral. The definition in SB 414 is designed to be consistent with the definition adopted by the BLM.

[Continued on Page 8](#)



For 100+ years, BKF has Delivered Inspired Infrastructure to its clients. As a result, we have earned our clients' trust, and thereby their repeat business. BKF has worked diligently to help our clients achieve their goals, and bring their projects across the finish line. Through our network of 15 offices in California, we have developed extensive local knowledge that provides us with a keen understanding of issues relating to feasibility, permitting, and entitlement approvals.



CIVIL ENGINEERING



SURVEYING



PLANNING



TRANSPORTATION



WATER RESOURCES



SUSTAINABILITY



CONSTRUCTION
MANAGEMENT



UTILITY LOCATING

www.bkf.com

Classifieds

TRANSPORTATION SURVEYOR - (CALTRANS) DEPARTMENT OF TRANSPORTATION

Department of Transportation (District 10, San Joaquin County), is currently recruiting for multiple Transportation Surveyor positions (**\$5,406.00-\$10,377.00 per month**).

Some of the duties include, but are not limited to: Analyzes field survey data, prepares Survey Requests and compiles supporting information for field surveys. Produces maps and documents, including legal descriptions, acquisition deeds, appraisal maps

The incumbent works in an air-conditioned office setting with artificial lighting and/or natural lighting. Above duties require the use of a computer for extended periods of time. Duties may also require the incumbent to sit for extended periods of time to perform the duties of the position. Duties may also require the incumbent to work overtime. The incumbent may occasionally be required to work outdoors, on uneven terrain and in various weather conditions. The incumbent may also be required to travel overnight on short-term assignments throughout the Central Region or State for meetings, training or field/office job assignments.

San Joaquin County - Final filing Date: Until Filled

For further information, refer to the duty statement in the CalCareer link below.

<https://jobs.ca.gov/CalHrPublic/Jobs/JobPosting.aspx?JobControlId=248376>

JUNIOR ENGINEERING TECHNICIAN - (CALTRANS) DEPARTMENT OF TRANSPORTATION

The Junior Engineering Technician (JET) is an entry level position to get started in the Surveying profession (**\$2,661.00-\$4,026.00 per month**). This position is planned on being available in District 10 (San Joaquin County) in the near future. Go to <https://dot.ca.gov/programs/human-resources/exams/surveyvacancies> for more information and open positions.

Live, Work, and Play in the Heart of California Caltrans District 10

We're Hiring:

Transportation
Surveyors

Caltrans District 10
is centrally located
within equal distance
to the Sierras or the
California Coast

Begin a new adventure here!

Apply Now

CLSA Sponsored Bill *continued from page 6*

Clarifies that information provided by a surveyor with a record of survey, in order to permit the “intelligent interpretation” of the ROS, may be in either graphic or narrative form.

Amends Business and Professions Code Section 8780, relating to disciplinary actions against licensed surveyors by BPELSG, to separate negligence from incompetence, to permit surveyors facing discipline to more clearly understand the nature of the accusations against them.

Amends Government Code Section 66425.5 in the Subdivision Map Act, to lengthen the time in which local entities must conduct appeals of decisions on tentative maps from 30 to 45 days, because CLSA members noted that local agencies often experience difficulties conducting appeals within the allotted time. A real expression of gratitude is due to Senator Jones and his fine Legislative Director Danielle Parsons for their hard work in enacting SB 414. While none of the provisions were particularly controversial, passing any bill in Sacramento, particularly during the pandemic, is challenging. And SB 414 was really the only surveyor-specific legislation enacted this year.

SB 414 is obviously surveyor specific, but some of the “mega-issues” raised during the legislative year have potential effects on surveyors as well. The big issue for the year clearly was housing, one of the most difficult subjects on which to achieve consensus in Sacramento. Everyone agrees that our state needs more housing, at more affordable prices, but aligning the perspectives of NIMBYs, YIMBYs, environmentalists, unions, lawyers and local government groups presents a veritable Rubik’s Cube of complexity. At its most basic level, the most fundamental disagreement is the degree to which local government zoning authority should be circumscribed.

The most important bills enacted in the housing area this year were SB 8 (Skinner), relating to local zoning authority over housing; SB 9 (Atkins), providing for ministerial approval of construction of up to four units on single-family residential parcels, and SB 10 (Wiener), giving locals authority to approve up to 10 units on parcels near transit stations. SB 9, for example, deals with lot splits of SFR parcels, which easily could require surveyor involvement.

As California continues to fall farther and farther behind the need for housing construction, expect the subject to be front and center for years into the future. CLSA will be present for the debate, protecting the interests of our surveyor members

[Reprinted with permission from California Surveyor Magazine](#)



CONSULTING ENGINEERS

430 TENTH STREET, MODESTO, CA 95354

209.568.4477

www.VVHCE.com

Puzzle Page

	Blue Moon	City	Rocket Surveying	Surveying Solutions	Zodiac Eng.	Blue	Green	Orange	Pink	Yellow	1/2 inch	3/4 inch	3/4 inch	1 inch	1 inch	Pipe	Pipe	Rebar	Rebar	Sq. Bar	
Archie																					
Bob																					
Charlie																					
Doug																					
Ed																					
Pipe																					
Pipe																					
Rebar																					
Rebar																					
Sq. Bar																					
1/2 inch																					
3/4 inch																					
3/4 inch																					
1 inch																					
1 inch																					
Blue																					
Green																					
Orange																					
Pink																					
Yellow																					

The Puzzle:

Five surveyors worked in a growing town. One was employed with the city while the other four worked for private companies. You could always tell who had surveyed a property because each surveyor preferred to use a different color of ribbon on his stakes and also used different monuments.

Determine where each surveyor was employed, which size & type of monument he used and his ribbon preference.

Clues:

1. Charlie, who didn't work for the City, didn't use pipes. The Survey Solutions surveyor didn't use the 1/2-inch monument. Bob, who didn't work for Rocket Land Surveying, used rebar, but not the 1-inch size.
2. Ed, who didn't use rebar, used a larger monument than the surveyor who used blue ribbon.
3. The two 3/4-inch size monuments were a pipe and the monument set by Blue Moon Surveying. Archie from Survey Solutions didn't use rebar. Doug used a 3/4-inch monument, but it wasn't a pipe.
4. One of the surveyors who used rebar also used green ribbon. The City surveyor used rebar.
5. The two surveyors who used pipe were the one who also used orange ribbon and the Zodiac Engineering surveyor. One surveyor's rebar was the 1/2-inch size.
6. The surveyor who used pink ribbon also used rebar, but not the 1/2-inch size. The square bar wasn't set by the surveyor who used yellow ribbon.

Quartaroli & Associates, Inc.
Surveying and Planning for the Future

Land Surveying & Planning Consultants
 Boundary Surveys Land Planning
 Legal Descriptions Permit Entitlements

310 Sunwest Place, Suite A Manteca, CA 95337
 (209) 239-4908 Email: Mike@Quartaroli.com
 www.Quartaroli.com

Gary Ochsner
 Sales and Support

ESC
ENGINEERING SUPPLY COMPANY
 Precision Positioning Solutions Since 1985
 BIM - Survey - Construction - UAV

TOPCON
 Factory Authorized
 Factory Certified
 Sales, Repairs, Rentals

4208 N. Freeway Blvd, Suite 1B
 Sacramento, Ca 95834
 Phone: 800.788.3307
 Fax: 925.680.2504
Cell: 209.483.6969
 email: gary@escsurvey.net
 www.escsurvey.com

Sponsors

Get Linked In



or find us on Facebook



Find us on Facebook

LAND SURVEYORS & ENGINEERS



WE ARE HIRING
in Central California
(800) 955-7599

Visit QKinc.com for more information or email your resume to recruiter@qkinc.com



1165 Scenic Dr., Ste. B
Modesto, CA 95350
Main: 209.571.1765
Fax: 209.571.2466
info@odellengineering.com
www.odellengineering.com

MODESTO | FRESNO | PALO ALTO | PLEASANTON

AERIAL PHOTOMAPPING SERVICES

Precision Aerial Photography • Topographic Mapping • Digital Orthophotos



2921 Larkin Ave. • Clovis, CA. 93612 • 559-291-0147 • www.photomapping.com



North Star
Engineering Group, Inc.



HAWKINS & ASSOCIATES ENGINEERING, INC.
Civil Engineering • Land Surveying • Land Planning

436 Mitchell Road Modesto, California 95354
Phone 209.575.4295 Fax 209.578.4295





1st Call
utility locating

1st Call Utility Locating
1st in Safety, 1st in Client Satisfaction

Serdar Tas (415) 235-8410
Sr. Utility Surveyor
PO Box 1543
El Cerrito, CA 94530
info@1stcallutilitylocating.com
www.1stcallutilitylocating.com



BENCHMARK ENGINEERING, INC.
CIVIL ENGINEERING & LAND SURVEYING

1121 Oakdale Road, Suite 1 Modesto, CA 95355
(209) 548-9300 Fax (209) 548-9305