CALL!
Before You Dig
See page 22
More Ways To Do Your Job Faster and Easier. Call Today for Your Free Consultation!

From GNSS, scanning, and optical technology for field data collection to powerful software programs for processing, modeling, and analyzing captured data, Trimble offers complete solutions to address your full work processes and unique challenges in the field. Trimble enables surveyors to:

- Improve workflows for field data collection
- Enhance collaboration capabilities between the field and office
- Deliver final output to clients
- Make well-informed decisions

**MORE Choices**

**MORE TOOLS**

**MORE CAPABILITIES**

---

**Western Data Systems**

**Your Geospatial Sales and Rental Specialist**

**Houston**  
281.987.1815  
14722 Regnal  
Houston, TX 77039

**Austin**  
512.467.0391  
2161 W. Anderson Lane  
Austin, TX 78757

**Dallas/Fort Worth**  
972.245.4337  
545 Commerce St., Suite 100  
Southlake, TX 76092

**McAllen**  
956.961.4591  
1209 E. Jasmine Ave., Suite B  
McAllen, TX 78501

**San Antonio**  
210.967.8700  
10822 Hillpoint  
San Antonio, TX 78217

**Oklahoma City**  
405.330.5683  
13510 Railway Dr.  
Oklahoma City, OK 73114

---

[www.wds-us.com](http://www.wds-us.com)
The Texas Surveyor/September 2015

Table of Contents
Benchmark ..................................................................................... 7
Sustaining Members ....................................................................... 8
From the President ......................................................................... 10
An Attorney’s Angle ....................................................................... 12
Certified Survey Technician Exams ................................................. 14
Business Listings ........................................................................... 15
2015 TPS Convention & Tech Expo Update .................................. 18
Social Media at 2015 TPS Convention .......................................... 19
2015 TPS Convention Registration Form ...................................... 20
TPS Website Refresher for Members .............................................. 21
The Texas “One Call” System ......................................................... 22
Locating Original Corners Seminar ............................................... 23
Coming Events ............................................................................... 24
Professional Listings ...................................................................... 25
TPS New Members ......................................................................... 26
Classified Ads ................................................................................ 27

2015 Officers and Directors

President .......................................................................................... Jim Gillis
508 West Wall, Midland, Texas 79701, 432-684-3000

President-Elect ................................................................................. Paul Carey
PO Box 1189, Castroville, Texas 78009, 830-538-6427

Vice President .................................................................................... Jerry Lehew
505 E. Brown St., Wylie, Texas 75098, 972-442-5405

Secretary/Treasurer .......................................................................... John Barnard
3101 Bee Cave Rd., Suite 100, Austin, Texas 78746, 512-327-1180

Past-President .................................................................................... Shane Nealy
1595 E. Grande Blvd., Tyler, Texas 75703, 903-534-0174

(2015)

Christopher Freeman, 3320 Belt Line Rd, Farmers Branch, Texas, 75234
Riley Griffith, 2401 S. Willis St., Suite 110, Abilene, Texas, 79605
Dempsey Hannah, 1595 E. Grande Blvd., Tyler, Texas 75703
Shane Isbell, PO Box 6081, Bryan, Texas 77805-6081

(2016)

Michael Hoover, 9960 W Sam Houston Phwy S Ste 300, Houston, Texas, 77099
David Klotz, 111 Lillie Robyn Lane, Buda, Texas 78610
Joshua Leamons, PO Box 528, Mason, Texas 76856-0528
Richard Worthey, 1480 Cornerstone Court, Beaumont, Texas 77706

(2017)

Joe Breaux, 7901 North IH 35, Austin, Texas 78753
Robby Christopher, 1601 Avenue N, Lubbock Texas 79401
Trisha Lund, 5935 Lake Nacoma, San Antonio, Texas 78225
Douglas Turner, 234 Farnworth Circle, League City, Texas 77573

Executive Director:
DJ Kyle
2525 Wallingwood Dr. #300
Austin, Texas  78746
Phone: 512-327-7871  FAX: 512-327-7872

Legal Counsel:
Mark Hanna, P.C.
900 Congress Ave., Suite 250
Austin, Texas 78701
Phone: 512-477-6200  FAX: 512-477-1188

The Texas Surveyor (ISSN 1546-4164) is the official publication of the Texas Society of Professional Surveyors, published bimonthly for the betterment of the surveying profession. Articles may be reprinted with credit. TPS assumes no responsibility for statements made or expressed in this publication. Copyright 2015, The Texas Surveyor.

Editor-in-Chief:
Trisha Lund
Managing Editor:
Doug Loveday
AFFORDABLE, TO SAY THE LEASE.
Now offering 36 months at 0% interest. Expires 10-2-15

LEASE EQUIPMENT WITH A ‘NO QUESTIONS ASKED’ RETURN POLICY.

SALES | SERVICE | RENTALS
877.309.4099 | martininstrument.com

Trimble. Premier Dealer since 1992
As the industry’s only solution with intelligent environmental awareness, the NEW Leica TS16, TS60, an MS60 bring the field of surveying a step closer to artificial intelligence. Incorporating groundbreaking technologies, these instruments adapt to more than 200 challenging environmental conditions, ignoring all distractions in the field and remaining locked onto the sole target – yours. Along with an immersive 3D experience from our Captivate Software, you are empowered to do what you never thought possible and what others only wish they could do.

World’s First Self-Learning System

Contact Jeff Ryall:
jeff.ryall@leicaus.com
713-516-5446
The dog days of summer are over and many of us are back into the school routine with our kids. Labor Day brought about a welcomed long weekend as we all adjust to our busy schedules. And although it is still hot outside I do feel fall in the air. The fall is a busy time for TSPS with many events being held over the next couple of months.

The When I’m 64 Annual Convention & Tech Expo will be held in just a few weeks. The convention will feature 16 different educational sessions presented by both national and local speakers. Lt. Col. Kevin Sweeney will tell his spellbinding story during the Annual Luncheon and later that night dance to A Hard Night’s Day, a Beatles Tribute Band, at the Awards Gala. The Exhibit Hall will be open for two days with more than 40 different vendors in 80 booths.

New this Year! TSPS will project a “Social Wall” on Saturday and Sunday during convention. The Social Wall will stream live comments and pictures by attendees as they tweet and post on Instagram using #TSPS15. It’s important that all members follow TSPS on Facebook at www.facebook.com/TSPS.org, on Twitter at @TexasSurveyor and on Instagram at texassurveyor. Download all three apps on your smart phone so that you are able to share your photos and thoughts or questions while at convention. If you have not already registered, it’s not too late! Simply sign in on the website and click on the convention slide or complete the registration form on page 20.

After convention dues renewal will begin. The good news is there have been no increases to your membership dues over this past year. We will continue to encourage members to renew online beginning November 1st at www.tsps.org.

Save the date, Saturday, December 5th for last minute CEUs. TSPS is offering their December seminars in Houston and Austin and will feature presentations by Dr. Tony Nettleman from TAMUCC and TSPS President Jim Gillis respectively. Registration is open online.

Fun Fact: “Dog Days” is the name for the sultriest period of summer, from about July 3 to August 11. Named in early times by observers in countries bordering the Mediterranean, the period was reckoned as extending from 20 days before to 20 days after the conjunction of Sirius (the Dog Star) and the sun.

“The dog days of summer are over and many of us are back into the school routine with our kids. Labor Day brought about a welcomed long weekend as we all adjust to our busy schedules. And although it is still hot outside I do feel fall in the air. The fall is a busy time for TSPS with many events being held over the next couple of months.

The When I’m 64 Annual Convention & Tech Expo will be held in just a few weeks. The convention will feature 16 different educational sessions presented by both national and local speakers. Lt. Col. Kevin Sweeney will tell his spellbinding story during the Annual Luncheon and later that night dance to A Hard Night’s Day, a Beatles Tribute Band, at the Awards Gala. The Exhibit Hall will be open for two days with more than 40 different vendors in 80 booths.

New this Year! TSPS will project a “Social Wall” on Saturday and Sunday during convention. The Social Wall will stream live comments and pictures by attendees as they tweet and post on Instagram using #TSPS15. It’s important that all members follow TSPS on Facebook at www.facebook.com/TSPS.org, on Twitter at @TexasSurveyor and on Instagram at texassurveyor. Download all three apps on your smart phone so that you are able to share your photos and thoughts or questions while at convention. If you have not already registered, it’s not too late! Simply sign in on the website and click on the convention slide or complete the registration form on page 20.

After convention dues renewal will begin. The good news is there have been no increases to your membership dues over this past year. We will continue to encourage members to renew online beginning November 1st at www.tsps.org.

Save the date, Saturday, December 5th for last minute CEUs. TSPS is offering their December seminars in Houston and Austin and will feature presentations by Dr. Tony Nettleman from TAMUCC and TSPS President Jim Gillis respectively. Registration is open online.

Fun Fact: “Dog Days” is the name for the sultriest period of summer, from about July 3 to August 11. Named in early times by observers in countries bordering the Mediterranean, the period was reckoned as extending from 20 days before to 20 days after the conjunction of Sirius (the Dog Star) and the sun.
You don’t need GPS
to navigate to the best insurance for your surveying firm.

At ANCO, it’s easy to find:

✔ lower premiums
✔ oil and gas expertise for surveyors
✔ the full range of coverage you need

Apply online:
www.InsuranceForSurveyors.com
(888) 275-2626, ext. 6324

Gina O’Hara, Agent

Endorsed by Texas Society of Professional Surveyors
Insuring surveyors in 28 states...and counting!
Go with the Best ...

YOUR GEOSPATIAL SALES AND RENTAL SPECIALIST

DID YOU KNOW WDS CARRIES FIELD SUPPLIES?

GIS/Mapping
Trimble GNSS Receivers
Ruggedized Tablets
Laser Range Finders

Survey
Trimble GNSS Surveying Systems
Trimble Total Stations & Robotics
Trimble Unmanned Aircraft Systems
Trimble Office & Field Software
Trimble Imaging Rovers
Trimble Digital Levels
Trimble 3D Laser Scanning

Supplies
Wood
Paint
Flagging
plus 512 other items

Other Products
Schonstedt Pipe Locator
Schonstedt Metal Detector
Odom Echo Sounders
Seco Peripheral Items your crew would need
Ground Penetrating Radar

RTK Net
Texas & Oklahoma VRS Coverage
Over 130 Stations, Over 1350 Users

www.wds-us.com
“Continuing Education is a very important part of a surveyor’s ongoing learning process, but it is not an end in and of itself, or even a means to an end. Rather, it is much more like putting a loaf of bread in the refrigerator to help prevent it from becoming stale.”

I am now in my 11th month as President of TSPS, and I think I am correct in having noticed a change in attitude of the Land Surveying community towards TSPS, a positive change. In the last year or two, there seems to have been a reversal in the recent pattern of decline of RPLS members of TSPS. Those numbers are up, along with the numbers of those attending our annual TSPS convention, and the numbers attending our annual Education Symposium, which is a very positive trend given that the total number of RPLS’s registered with the TBPLS continues to decline.

Over the last year I have visited many of our chapters. Recently I travelled to El Paso in order to attend a Paso del Norte Chapter meeting, and was very lucky to have Ira Hardin, RPLS #1798, escort me to view several monuments marking the location of the Texas – New Mexico Boundary, as surveyed by J. H. Clark in 1859-60. It was a most interesting day, and I am very grateful to Ira and the other members of Chapter 17.

In meeting with surveyors all over this state I continue to be pleasantly surprised by one thing in particular … the fact that more and more land surveyors and their staffs are requesting opportunities for more and better education. The Education Committee of TSPS and the individual chapters do a particularly impressive job of developing and hosting, or helping to host, educational seminars all over this great state, from Beaumont to El Paso and from Lubbock to the Rio Grande Valley.

However, I believe it would be timely to discuss the education we get before we become an SIT, or before we become an RPLS … is that important? Probably not … I mean why do we have to worry about that at all? We all know that land surveying is getting easier and easier these days. Heck, with the high-quality GPS receivers and conventional Total Stations available to us, along with our superior CAD programs, today any fool can be a land surveyor. Isn’t that true?

Why do we need a surveying-related education when we all know how easy it is to buy some advanced hardware, get a day of training from the salesman … who in most cases is not a surveyor and doesn’t have a clue about dignity of calls or the rules of evidence when attempting to retrace a hundred-year-old boundary, or how to connect one old survey to another using this marvelous invention called Cartesian Coordinates.

Those things are not important, are they?

Why of course we know that we can steal a burger flipper from McDonalds for $12-15 an hour, and if he is good at punching buttons on a data collector, before you know it he is a Party Chief. And then after a couple of years as a Party Chief someone says, “You know, this land surveying is pretty easy isn’t it? You should get registered!” But there’s one problem… he doesn’t have a four-year degree. So what should we do?

Well, get rid of the degree requirement of course! Who needs a four-year degree to be a Party Chief?

And if you are a good Party Chief, you should automatically be able to become a Registered Professional Land Surveyor. They are almost one and the same, aren’t they? Well, maybe? Let’s look at the analogy of a doctor. A very critical profession, I think we would all agree. So what is the usual process for becoming a doctor… let’s see.

1. A four-year undergraduate degree
2. Three years in medical school
3. One or two years of Internship
4. And if you want to specialize, another 3 years of residency

Now what about the nurse who works for the doctor? Well, in Texas it takes a minimum of 2-3 years of formal education before the nurse can take the licensure exam. And then she is ready to go to work, but of course only under the supervision of a doctor. But do you ever hear a nurse say, “Hey, I worked for this doctor for a few years, and I know what I am doing. I should be allowed to qualify as a doctor! I know just as much as he does.” Of course not. If she wants to become a doctor, which some do, she has to go back to university and complete all of the requirements that a doctor is obligated to meet.

She may get credit for some or all of the 2-3 years she spent studying to become a nurse, but she doesn’t get a “Bye” because she has been an excellent nurse for a number of years. She still has to complete the doctor’s level of education.

So what does becoming a doctor have to do with becoming a surveyor? A doctor is responsible for the health of his patient … surely a very high responsibility.

“Continuing Education is a very important part of a surveyor’s ongoing learning process, but it is not an end in and of itself, or even a means to an end. Rather, it is much more like putting a loaf of bread in the refrigerator to help prevent it from becoming stale.”

– Jim Gillis

That is why a good basic education in the principals of surveying, including geodesy, map projections, survey methods, instrument theory, etc., is crucial before a candidate should even think about becoming an RPLS.”

– Jim Gillis

That is why a good basic education in the principals of surveying, including geodesy, map projections, survey methods, instrument theory, etc., is crucial before a candidate should even think about becoming an RPLS.”

– Jim Gillis

(See From The President, page 11)
FROM THE PRESIDENT

JAMES B. GILLIS

But is a doctor also responsible for the health of his patient’s relatives, or neighbors, or friends? Of course not!

But a Registered Professional Land Surveyor, when performing a survey of real property in the State of Texas, has been and can be held legally responsible for not only any loss incurred by his client, the party he conducts the survey for, but also for any losses incurred due to his errors, negligence or malpractice that effect all the adjoiners, the neighbors down the street, the successors in title … in fact any party with a legal interest in real property adversely affected by his survey!

Therefore it is abundantly clear that land surveyors hold a higher degree of responsibility than doctors, or lawyers, or most other professionals.

That is why a good basic education in the principals of surveying, including geodesy, map projections, survey methods, instrument theory, etc., is crucial before a candidate should even think about becoming an RPLS.

Once that candidate has a good basic education, such as is achieved by enrolling in a survey program in a reputable college, then it is also just as important that, like the doctor, he spends a significant time period under the tutelage and mentorship of a competent and knowledgeable land surveyor, who will teach the field surveying principles of practice that are so crucial to completing the full educational process.

In summary, while I of course realize that everyone has a right to his or her own opinion as regards this ancient and honorable profession, in my mind that opinion is only valid if it passes the following 2 tests.

1. Has it been well thought through, by considering all the pros and cons, and weighing them objectively?
   and
2. Is it being promoted for the good of the public at large and the land surveying profession as a whole, or simply for the benefit and self-interest of those making the proposal?

If the answer to both questions is yes, that is great!

If the answer is no, maybe it is time to rethink that idea!

Thanks to all of you who make up the TSPS membership, for your continued and increasing support of this society and of the profession of land surveying. I hope to see you all at our 64th Annual Convention in Dallas in October.

Jim Gillis
President

Texas – New Mexico Boundary

On a recent trip to El Paso to attend a Paso del Norte Chapter meeting, TSPS President Jim Gillis visited several monuments marking the location of the Texas – New Mexico Boundary, as surveyed by J. H. Clark in 1859-60. Ira Hardin, RPLS #1798, escorted Gillis on his tour.

(Photo courtesy of Jim Gillis)
An Attorney’s Angle

Mark Hanna – TSPS Legal Counsel

Mark J. Hanna practices law in Austin and has served as TSPS Legal Counsel since 1992. In addition to providing legal and legislative representation for the Society, Mr. Hanna specializes in representing the interests of individual business and professional clients located throughout the State.

Texas Real Estate Law Recent Cases

The following is a summary of the recent Texas real estate law cases as prepared by the Real Estate Section of the State Bar of Texas. For more information regarding these cases or other legal issues of significance to the surveying profession, contact TSPS Legal Counsel, Mark J. Hanna, 900 Congress Avenue, Suite 250, Austin, Texas 78701; telephone: (512) 477-6200; facsimile: (512) 477-1188.

Real Estate Cases - State Courts

1. Vendor and Purchaser.

1.1 Fraudulent inducement is a particular species of fraud that arises only in the context of a contract and requires the existence of a contract as part of its proof. That is, with a fraudulent inducement claim, the elements of fraud must be established as they relate to an agreement between the parties. The elements of fraud are that a material representation was made, the representation was false, the speaker knew the statement was false when made, the statement was made to induce reliance, it did induce reliance, the reliance was justifiable, and the relying party suffered injury as a result.

1.2 Under certain circumstances, a buyer’s independent inspection of the property may conclusively defeat two elements of a fraud claim: causation and reliance. Although the courts of appeals have articulated different tests for when a buyer’s independent inspection will defeat causation and reliance as a matter of law, the courts have consistently applied these tests such that a buyer’s independent inspection precludes a showing of causation and reliance if it reveals to the buyer the same information that the seller allegedly failed to disclose. This is consistent with the principle that a party who has actual knowledge of specific facts cannot have relied on a misrepresentation of the same facts.

(See Attorney’s Angle, page 13)

AN ATTORNEY’S ANGLE

MARK HANNA – TSPS LEGAL COUNSEL

Mark J. Hanna practices law in Austin and has served as TSPS Legal Counsel since 1992. In addition to providing legal and legislative representation for the Society, Mr. Hanna specializes in representing the interests of individual business and professional clients located throughout the State.

Texas Real Estate Law Recent Cases

The following is a summary of the recent Texas real estate law cases as prepared by the Real Estate Section of the State Bar of Texas. For more information regarding these cases or other legal issues of significance to the surveying profession, contact TSPS Legal Counsel, Mark J. Hanna, 900 Congress Avenue, Suite 250, Austin, Texas 78701; telephone: (512) 477-6200; facsimile: (512) 477-1188.

Real Estate Cases - State Courts

1. Vendor and Purchaser.

1.1 Fraudulent inducement is a particular species of fraud that arises only in the context of a contract and requires the existence of a contract as part of its proof. That is, with a fraudulent inducement claim, the elements of fraud must be established as they relate to an agreement between the parties. The elements of fraud are that a material representation was made, the representation was false, the speaker knew the statement was false when made, the statement was made to induce reliance, it did induce reliance, the reliance was justifiable, and the relying party suffered injury as a result.

1.2 Under certain circumstances, a buyer’s independent inspection of the property may conclusively defeat two elements of a fraud claim: causation and reliance. Although the courts of appeals have articulated different tests for when a buyer’s independent inspection will defeat causation and reliance as a matter of law, the courts have consistently applied these tests such that a buyer’s independent inspection precludes a showing of causation and reliance if it reveals to the buyer the same information that the seller allegedly failed to disclose. This is consistent with the principle that a party who has actual knowledge of specific facts cannot have relied on a misrepresentation of the same facts.

(See Attorney’s Angle, page 13)
2. **Homestead.**

2.1 The “turnover” statute is a procedural device used by judgment creditors to reach a debtor’s non-exempt assets that otherwise would be difficult to reach by attachment or levy through ordinary legal process. Civil Practice & Remedies Code §31.002. Under the turnover statute, the trial court can appoint a receiver to take possession of the debtor’s non-exempt assets, sell them, and pay the debtor’s creditors with the proceeds. But assets that are exempt from attachment, execution, or seizure are not subject to the turnover statute.

2.2 With certain exceptions, a homestead is exempt from seizure to satisfy creditors’ claims. And if a homestead claimant sells her home, the sales proceeds similarly are exempt from seizure for six months.

2.3 Property Code § 41.001 (c) provides that a homestead claimant’s proceeds of a sale of a homestead are not subject to seizure for a creditor’s claim for six months after the date of sale.

2.4 There is no requirement that the sale proceeds be used for the purchase of a replacement homestead.

The statute limits the options available to creditors, not the options available to homestead claimants. Thus the trial court violated the turnover statute by appointing a receiver to hold the proceeds of the homestead’s planned sale and by ordering the homestead claimant to turn over the sales proceeds to the receiver. Because these actions violated the turnover statute, the trial court abused its discretion in issuing such an order.

CERTIFIED SURVEY TECHNICIAN EXAMS

Interested in sitting for the CST Exam at one of these locations? Check out www.learncst.com to learn how to apply.

SEPTEMBER 12
Certified Survey Technician Exam - DFW, Texas
North Lake College (West Campus)
1401 Royal Lane
DFW, Texas 75261

Proctor: John Pierce (jpierce@sam.biz)
Exam starts at 8:15 a.m.

SEPTEMBER 18
Certified Survey Technician Exam - San Angelo, Texas
SKG Engineering
706 South Abe Street
San Angelo, Texas 76903

Proctor: Jerry White (jwhite@skge.com)
Exam starts at 8:00 a.m.

SEPTEMBER 26
Certified Survey Technician Exam - Odessa, Texas
The Center for Energy & Economic Diversification Building (CEED)
UT Permian Basin
Highway 191 & FM 1788
Odessa, Texas 79762

Proctor: Clint Gregg (cgregg@sam.biz)
Exam starts at 8:00 a.m.
MAGNET Enterprise is a web browser-based environment that simplifies managing field and office data in the cloud. Track assets and communicate with everyone involved on your projects. Login from any browser for live updates. Save time and collaborate during a project.

- Web Browser Access
- Live Data Exchange
- Map View of Field Data
- Data Secure Backup
- Chat and Communicate with Others

ASK US ABOUT
We Have Everything You Need

If you’re looking for great deals on equipment then stop by one of our many locations located in Texas and see for yourself what products and services GeoShack has to offer. We have everything you need to get the job done accurately and right the first time.

Don’t forget to ask us about our GeoShack Advantage programs – where you can get support, training, and other services along with your equipment purchase.

Austin 512-821-2828  Dallas 972-241-6001  Fort Worth 817-335-3131  El Paso 915-775-1269
Houston 713-688-8814  San Antonio 210-521-7732  Richardson 972-783-2706  Lubbock 806-771-9524

www.geoshack.com
HOTEL INFORMATION
TSPS Room Rate at the Sheraton Dallas Hotel is $159/night – call the hotel directly at 214-922-8000 to make your reservation or visit this web page:
https://www.starwoodmeeting.com/StarGroupsWeb/res?id=1501264575&key=B679E50
No later than Friday, September 11th.

As of production time for this issue (Aug. 20), room availability was:

- **Wednesday** (Oct. 7) – **SOLD OUT**
- **Thursday** – 18 rooms
- **Friday** – 64
- **Saturday** – 93
- **Sunday** – 30

These numbers are surely much lower as you read this, so call NOW! These rooms will sell out, and being the Texas-OU football weekend in Dallas, other hotel and lodging options may also be difficult to find.

(Photo from www.sheratondallashotel.com.)
SOCIAL MEDIA AT TSPS CONVENTION & TECH EXPO

For the most current updates about the 2015 Annual Convention & Tech Expo, like us on Facebook, and follow us on Twitter and Instagram.

www.facebook.com/TSPS.org

@TexasSurveyors
#TSPS15

texassurveyors
#TSPS15
2015 TSPS Convention and Technology Exposition
Sheraton Dallas Hotel ... Call 214-922-8000 reservations. (Room rate discount ends September 11.)
You can register for classes online at www.tsps.org.

Attendee Information (One form per attendee. Please print or type.)

<table>
<thead>
<tr>
<th>Name (first)</th>
<th>(mi)</th>
<th>(last)</th>
<th>(firm name)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>Zip</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Phone</th>
<th>Email</th>
<th>RPLS#</th>
</tr>
</thead>
</table>

Auxiliary Member Name (first) __________________________ (last) __________________________

### Registration Fees (please check one)

<table>
<thead>
<tr>
<th>Registration Options</th>
<th>Description</th>
<th>Member</th>
<th>Non-Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPLS Full Registration</td>
<td>All Educational Sessions and admission to Tech Expo</td>
<td>295</td>
<td>495</td>
</tr>
<tr>
<td>RPLS Saturday Only</td>
<td>Saturday Educational Sessions and admission to Tech Expo</td>
<td>180</td>
<td>380</td>
</tr>
<tr>
<td>RPLS Sunday Only</td>
<td>Sunday Educational Sessions and admission to Tech Expo</td>
<td>260</td>
<td>460</td>
</tr>
<tr>
<td>Paraprofessional Full Registration</td>
<td>All Educational Sessions and admission to Tech Expo</td>
<td>155</td>
<td>255</td>
</tr>
<tr>
<td>Paraprofessional Saturday Only</td>
<td>Saturday Educational Sessions and admission to Tech Expo</td>
<td>115</td>
<td>215</td>
</tr>
<tr>
<td>Paraprofessional Sunday Only</td>
<td>Sunday Educational Sessions and admission to Tech Expo</td>
<td>135</td>
<td>235</td>
</tr>
<tr>
<td>Exhibits Only</td>
<td>Admission to Tech Expo both Friday and Saturday</td>
<td>30</td>
<td>40</td>
</tr>
</tbody>
</table>

### Events & Educational Sessions

- **Thursday, Oct. 8, 2015**
  - 10:00 a.m.: Skeet Shoot
  - 1:00 p.m.: Golf Tournament

- **Saturday, Oct. 10, 2015**
  - 8:00 a.m.-10:00 a.m.: ROW 101 TxDOT ROW Mapping Procedures (2 CEUs)
  - 8:00 a.m.-10:00 a.m.: History of the Texas Public Domain (2 CEUs)
  - 8:00 a.m.-12:30 p.m.: Modernization of the National Spatial Reference System (4 CEUs)
  - 8:00 a.m.-12:30 p.m.: Life Cycle of a Vacancy (4 CEUs)
  - 10:30 a.m.-12:30 p.m.: Our Railroads Run on Safety (2 CEUs)
  - 10:30 a.m.-12:30 p.m.: Professional Liability Insurance – Why You Need It and What to Watch Out For (2 CEUs)
  - 12:30 p.m.-2:00 p.m.: Annual Luncheon
  - 6:30 p.m.-11:00 p.m.: Awards Gala & Dinner

- **Sunday, Oct. 11, 2015**
  - 7:30 a.m.-9:30 a.m.: Charm School for Professional Surveyors (2 CEUs)
  - 7:30 a.m.-12:00 p.m.: Torts and the Land Surveyor (4 CEUs)
  - 7:30 a.m.-12:00 p.m.: An Expedition Through the Act & Rules (4 CEUs w/ 4 hrs. Rules)
  - 8:00 a.m.-12:00 p.m.: Tree ID Class at Kiest Park (4 CEUs)
  - 10:00 a.m.-12:00 p.m.: Communication Skills for Surveyors (2 CEUs)
  - 1:30 p.m.-3:30 p.m.: Thinking Beyond Technology (2 CEUs)
  - 1:30 p.m.-3:30 p.m.: How YOU Can Invest in Improving the Current Status of Passive Control in the National Reference Frame (2 CEUs)
  - 1:30 p.m.-5:45 p.m.: John McMullen Grant (4 CEUs)
  - 1:30 p.m.-5:45 p.m.: Ethics for Land Surveyors (4 CEUs w/ 4 hrs. Ethics)
  - 3:45 p.m.-5:45 p.m.: To Accept or Not to Accept – That is the Question (2 CEUs)

### Auxiliary Events & Registration Fees

- **Auxiliary Annual Membership Dues (required to attend Auxiliary Events)** $10
- **Auxiliary Convention Registration (includes admission to Tech Expo)** $30
- **Friday 9:30 a.m.-3:00 p.m. TSPSA Explore Old Town Grapevine (off site)** No. of Tickets __ @ $40 = __________
- **Saturday 11:00 a.m.-2:00 p.m. TSPSA Annual Bus. Mtg./Entertainment Luncheon** No. of Tickets __ @ $40 = __________

**AUXILIARY Total** = __________

Mail or fax this form to TSPS:
2525 Wallingwood Drive Ste 300, Austin TX 78746
Phone: 512-327-7871 Fax: 512-327-7872
or register online at: www.tsps.org

### Payment

<table>
<thead>
<tr>
<th>Payment Method</th>
<th>Selection</th>
<th>Sec. Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check</td>
<td>__</td>
<td>Sec. Code</td>
</tr>
<tr>
<td>VISA</td>
<td>__</td>
<td>Sec. Code</td>
</tr>
<tr>
<td>MC</td>
<td>__</td>
<td>Sec. Code</td>
</tr>
<tr>
<td>AMEX</td>
<td>__</td>
<td>Sec. Code</td>
</tr>
<tr>
<td>DISCOVER</td>
<td>__</td>
<td>Sec. Code</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Account #</th>
<th>Exp Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Cardholder</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>City</td>
</tr>
</tbody>
</table>

**GRAND TOTAL** = __________
WEBSITE REFRESHER FOR MEMBERS

By Doug Loveday
TSPS Communications Director

The TSPS website – www.tsps.org – has been successfully positioned for more than a year atop the YourMembership platform. YourMembership is an association-specific platform used around the state and country and includes all of the functions a professional society would want in a website. It’s ease of navigability and use has been commended by TSPS members ... and staff.

However, there are a few issues that some members continue to struggle with, and we’d like to address a couple that are voiced most often by website users.

“I Can’t Login!”

Actually, that’s something we hear less and less at the TSPS office. There are, though, a very few members out there who still have NEVER logged in to their profiles on the TSPS site, but sometimes other reasons cause login failure to occur.

If you’ve forgotten your Password to login (or your Username, if you earlier changed it from the default 1st initial + last name), just click on a “Sign In” button as usual and then click on the “Click here to reset your password” link:

You’ll be asked to plug in your Username or email.

Issues arise, of course, if you’ve forgotten your username and your email has changed. This happens occasionally, especially as members change jobs and then lose access to old email accounts. If the email in the TSPS profile/database was not changed before the job change, the system will continue sending communications ... and reset passwords ... to the old email address.

So if an incorrect email is listed in your member account, please contact me at DougL@tsps.org with your new email address. We’ll make the change and have the system send a “Change Password” message to your new email address. You’ll get access to your Profile and can then make other necessary contact information changes.

“I’m Getting Too Many Emails From TSPS!”

Yes, we’ve heard that a few times! When new accounts are created, the YourMembership platform default is for the member to receive all communications related to their member profile. That includes receiving notifications when a fellow group member makes a change in his or her profile. But the great functionality of this site is the control it provides individual users. Members can go to their “Profile” and change “Preferences” to reflect what emails/communications they’d like to receive ... and what ones they’d rather not receive.

Here’s how to do it ...
After logging in to the website, look to the right in the “My Profile” box and click on “Manage Profile.”

Now, click on “Preferences” to view and manage preferences and notification settings on your account.

Now, “uncheck” any boxes that correspond to notifications you no longer wish to receive. That’s all it takes.

Are there other member-user questions you have? Please forward to DougL@tsps.org, and we’ll help you utilize your TSPS website to its fullest potential.
The Texas “One Call” System

SAFETY COMMITTEE

By Joe Breaux, RPLS, TSPS Safety Committee Chair and Henry Kuehlem, RPLS

(The following article is part 1 of a two-part series.)

The Texas “One Call” system was set up by state law primarily to prevent damage to an “underground facility.” But it is also for the safety of the public living or working nearby and for the safety of “excavators” digging near an underground facility. Lives matter.

So what does excavate mean, who is an excavator and what is an underground facility? The law, the Texas Utilities Code, Title 5, Chapter 251, Underground Facility Damage Prevention and Safety, defines an excavator as follows: “Excavator” means a person that excavates or intends to excavate in this state.” Excavate means to remove, compact, auger, bore or otherwise disturb the soil below a depth of 16”. The law also states that each excavator or intended excavator shall notify a one call center if the excavation may affect a Class A underground facility. A Class A underground facility means an underground facility that is used to produce, store, convey, transmit, or distribute: (A) electrical energy; (B) natural or synthetic gas; (C) petroleum or petroleum products; (D) steam; (E) any form of telecommunications service, including voice, data, video, or optical transmission, or cable television service; or (F) any other liquid, material, or product not defined as a Class B underground facility. Water, slurry or sewer facilities are Class B facilities and aren’t covered the same way by this law.

Most of us are familiar with reporting to the one call system because we set monuments by driving iron rods, or digging for a concrete monument as property boundary corners and for control or for similar reasons. We are compelled to set monuments that are substantial and adequate for the conditions. That often calls for digging (excavating) below the 16” depth. But remember, too, that if we farm and plow or set fence posts, or if we are a home owner and dig for a patio foundation or for fence posts, or for any reason go below the depth of 16”, we are still “excavators” within the definition of the law.

Yes, we are bound by the law to contact a “one call” center before we dig, and that is a good thing. Most of us would agree the process for filing a utility locate request is not difficult. The one call entities are responsive, as are the utility companies notified by the system. The process for making the one call is to call 811 or to go online at least 48 hours prior to digging/setting a monument or monuments, provide adequate information so a utility owner or locator can find the site and mark the utility locations. After providing the required information, the next step is to wait for responses from the utility companies in the form of telephone calls or email responses that either acknowledge having a facility in that location, or state that they have no facility there. It seems straightforward, but there are two problems with this concept. One is that many utility locators are often so busy that they prioritize the calls and sometimes give the highest priority to construction locations. The second is that on some occasions, either field location marks for a utility are wrong or not all utilities are located. This last problem of a utility not being located is an extremely dangerous potential for the excavator.

The following is from an event experienced by Henry Kuehlem, R.P.L.S. and his company the H.A. Kuehlem Survey Company, not long ago.

A recent Farm to Market Road project is an example of these same circumstances. About five days after the initial one call was made and then a site visit by the locator was made, an email notifica-

“The Texas Surveyor/September 2015 Page 22

“Just remember that we surveyors ... have to know and use the one call system. That also means we have to schedule our work accordingly to allow the system to work.”

The following was received that showed Centerpoint Gas was “marked.”

Six weeks later and after a re-mark request, during installation of a deep rod survey control monument, a 4” gas line was punctured at a depth of about 3 feet. We immediately called Centerpoint Energy, who had a supervisor on site within an hour. He looked at the location, determined it was in the ROW (of the FM Road), and that the line had not been marked. Fortunately there were no injuries and the leak was controlled within a short time.

Henry also had comments about the effectiveness of the one call system and how it worked. He used letter grades to make his points.

As for the “requirement to call 811, Grade: “A.” It is the law and it will save your life.”

As for the “requirement to wait 48 hours before excavation—Grade “F.” It is the law, but in our case would not have prevented the gas line puncture since we were notified all lines were marked. We made a second request after 6 days and then waited an additional 6 weeks!”

It appears that the gas line in question was still not marked, even after the second locate request. Fortunately, no one was injured and no fault was assigned to H.A. Kuehlem Survey Company for hitting the gas line owned by Centerpoint Energy. But, the story doesn’t end here. There were other issues after the incident that Henry and his company had to deal with and had to resolve. These issues and concerns will be taken up and discussed in a follow-up article, at a later date.

For now, there are several important “take-aways” from the above experience of Henry and his company. First and most important, no one was injured. Then, had they hit the line without calling, without waiting the prescribed time and/or without calling for a re-locate the cost of the damage done to the gas line would have been the responsibility of the H.A Kuehlem Survey Company. That would not only have included the cost of repair, but almost certainly one or more fines. The system worked because a locate call was placed and a locator did show up and mark utilities at the prescribed location. But the system didn’t work well. For whatever reason a gas line was not marked, and the installation of a deep rod control monument hit and damaged a gas line.

Just remember that we surveyors (or as a farmer, rancher, homeowner or in another capacity), have to know and use the one call system. That also means we have to schedule our work accordingly to allow the system to work. We are bound by state law to notify a one call center prior to excavating/digging when we set boundary corners, control monuments or for any other reason dig, probe or excavate below 16’’ of depth. But most importantly, one call is for the safety of our field crews and of the public, and to prevent damage to an underground facility/utility. Please be familiar with the one call process, use it and stay safe.

(Part 2 will be published at a later date to be determined.)
Each seminar participant should bring: clothing and footwear suitable for field surveying in rough terrain; personal field gear; calculator (any type), scratch pad, etc.; triangles, scale and a 24” straight edge; comfortable, casual wear for evenings. September weather in southwest Texas is unpredictable, please be prepared for any eventuality. Those having personal GPS equipment may bring portable units if they so desire. Participants should be physically able to hike steep grades on unimproved routes in varying weather conditions, which may include temperatures in the 90-105 degree range.

This 2 1/2 day, hands-on seminar takes place in a beautiful setting on the pristine Frio River near Garner State Park at the 15,000 acre historic Annandale Ranch in the Texas Hill Country.

This unique interactive experience is presented and led by some of the state’s most highly experienced practicing Licensed State Land Surveyors.

Participants who attend will:

- Participate in the determination of the gradient boundary of the Frio River.
- Capitalize on techniques for determining corner search positions learned over years of experience.
- Appropriately apply the field evidence to final original survey construction to legally establish missing or obliterated corners.
- Review landmark court cases that were the basis for the current dignity of calls in regard to retracing original survey corners.
- Examine ancient trees in search of survey witness marks called for in the original survey field notes.
- Seek and find original rock mounds set in the 1800s that remain virtually undisturbed and in their original position.

Accommodations

Accommodations are provided by Neal’s Lodges in Concan, Texas. Contact Neal’s Lodges directly at (830) 232-6118 or via email at reserve@nealslodges.com to reserve your cabin. All cabins are reserved and paid for on an individual basis by each attendee.

Attendees will receive a 30 percent discount on cabin rates by mentioning the TSPS seminar. Check them out at www.nealslodges.com for more details and directions.

Schedule of Events

**Thursday, September 24, 2015**
12:00pm - 1:00pm Registration
1:00pm - 5:00pm Intro, LSLS panel, & field exercises

**Friday, September 25, 2015**
7:00am - 8:00am Breakfast
8:00am - 5:00pm Field exercises and discussion
12:00pm - 1:00pm Lunch

**Saturday, September 26, 2015**
7:00am - 8:00am Breakfast
8:00am - 12:00pm Field exercises and discussion

Instructors

D.G. (Greg) Smyth, RPLS, LSLS
C.B. (Ben) Thomson, RPLS, LSLS
Bill O’Hara, RPLS, LSLS
Davey Edwards, RPLS, LSLS, CFedS

Sign up online at www.tsps.org or complete the form below and fax to Attn: Brenda at 512-327-7872.

<table>
<thead>
<tr>
<th>TSPS Members:</th>
<th>by 9-8-15</th>
<th>9-9-15 &amp; after</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Registration (16 CEUs)</td>
<td>☐ $310</td>
<td>☐ $360</td>
</tr>
<tr>
<td>Paraprosfessional (no CEUs)</td>
<td>☐ $160</td>
<td>☐ $210</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-Members:</th>
<th>by 9-8-15</th>
<th>9-9-15 &amp; after</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Registration (16 CEUs)</td>
<td>☐ $460</td>
<td>☐ $510</td>
</tr>
<tr>
<td>Paraprofessional (no CEUs)</td>
<td>☐ $210</td>
<td>☐ $260</td>
</tr>
</tbody>
</table>

Name __________________________
Company _______________________
Address _________________________
City __________________ State____ Zip____
Email __________________________
Phone ( ) ________________________
Fax ( ) __________________________
RPLS #__________________________

Method of Payment:
Check #________ Amount Paid $__________
☐ Visa ☐ MC ☐ AMEX ☐ Discover Exp. Date_____ Sec. #_____ 
Card Number __________________________________________
Card Holder’s Name ____________________________________
Billing Address _______________________________________

TSPS
2525 Wallingwood Dr., #300, Austin, TX 78746
Fax: 512-327-7872 Phone: 512-327-7871
Email: brendan@tsps.org
## COMING EVENTS

### SEPTEMBER

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 9-13</td>
<td>2015 Surveyors Rendezvous</td>
<td>Presented by the Surveyors Historical Society&lt;br&gt; Silver Reef Hotel &amp; Casino&lt;br&gt; 4876 Haxton Way&lt;br&gt; Ferndale, Washington  98248&lt;br&gt; Find all the information on the event, links to online registration (for credit card payments only), and a printable registration form to mail with checks at: <a href="http://surveyorshistoricalsociety.com/Rendez.php">http://surveyorshistoricalsociety.com/Rendez.php</a></td>
</tr>
<tr>
<td>September 12</td>
<td>Certified Survey Technician Exam - DFW, Texas</td>
<td>Learn more details about this and other scheduled CST exams on page 14.</td>
</tr>
<tr>
<td>September 18</td>
<td>Certified Survey Technician Exam - San Angelo, Texas</td>
<td>Learn more details about this and other scheduled CST exams on page 14.</td>
</tr>
<tr>
<td>September 18-19</td>
<td>TSPS &amp; NMPS 2015 El Paso Annual Seminar</td>
<td>&quot;Fundamentals of Plane Survey Calculations&quot;&lt;br&gt;(no CEUs)&lt;br&gt;Instructor - Dr Ahmed Elaksher – 8:00 am - 12:00 pm&lt;br&gt;&quot;Ethics for Land Surveyors and Engineers”&lt;br&gt;(4 CEUs/includes 4 hours ethics)&lt;br&gt;Instructor - Karl Tonander, PE – 1:00 pm - 5:00 pm&lt;br&gt;Saturday, September 19&lt;br&gt;&quot;Courtroom Preparation and Testimony”&lt;br&gt;(4 CEUs/includes 2 hours Ethics)&lt;br&gt;Instructor - Kris Kline, PLS – 8:00 am - 12:00 pm&lt;br&gt;&quot;Three New (or not so new) Ways to Get Into Trouble”&lt;br&gt;(4 CEUs/includes 2 hours Ethics)&lt;br&gt;Instructor - Kris Kline, PLS – 1:00 p.m. - 5:00 pm&lt;br&gt;Camino Real Hotel&lt;br&gt;101 S. El Paso St.&lt;br&gt;El Paso, TX 79901      915-534-3000&lt;br&gt;Read the full brochure and registration form, and sign up online at <a href="http://www.tsps.org">www.tsps.org</a>.</td>
</tr>
<tr>
<td>September 24-26</td>
<td>Locating Original Corners Seminar</td>
<td>Neal’s Lodges and Annandale Ranch&lt;br&gt;Concan, Texas  78838&lt;br&gt;This 2 1/2 day, hands-on seminar is a unique interactive experience, presented and led by some of the state’s most experienced practicing LSLS surveyors and teachers.&lt;br&gt;Attendees earn 16 CEUs (includes 3 hours Ethics/Rules)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 26</td>
<td>Certified Survey Technician Exam - Odessa, Texas</td>
<td>Learn more details about this and other scheduled CST exams on page 14.</td>
</tr>
</tbody>
</table>

### OCTOBER

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 8-11</td>
<td>64th Annual TSPS Convention &amp; Tech Expo</td>
<td>Sheraton Dallas Hotel&lt;br&gt; 400 North Olive Street&lt;br&gt; Dallas TX  75201&lt;br&gt; Room Rate – $159&lt;br&gt; Phone: 214-922-8000&lt;br&gt; Visit <a href="http://www.tsps.org">www.tsps.org</a> for course and event information, and to register online!</td>
</tr>
</tbody>
</table>

### DECEMBER

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 5</td>
<td>TSPS December Seminar – Houston, Texas</td>
<td>“Easements, Rights of Way and Encumbrances in Land: Part III - Equitable Servitudes and Encumbrances”&lt;br&gt;Instructor - Charles A. (Tony) Nettleman III, PhD, P.S.M.</td>
</tr>
<tr>
<td>Crown Plaza Northwest&lt;br&gt;12801 Northwest Freeway&lt;br&gt;Houston, Texas 77040</td>
<td>Visit the Calendar at <a href="http://www.tsps.org">www.tsps.org</a> for course information and to register online!</td>
<td></td>
</tr>
<tr>
<td>December 5</td>
<td>TSPS December Seminar – Austin, Texas</td>
<td>“Land Surveying Ethics and Rules Applied to Satellite Surveying Technology”&lt;br&gt;Instructor - James (Jim) B. Gillis, RPLS, NSLS, CLS</td>
</tr>
<tr>
<td>Omni Austin Hotel at Southpark&lt;br&gt;4140 Governor’s Row&lt;br&gt;Austin, Texas 78744</td>
<td>Visit the Calendar at <a href="http://www.tsps.org">www.tsps.org</a> for course information and to register online!</td>
<td></td>
</tr>
</tbody>
</table>
Samir “Sam” G. Hanna, RPLS
CEO & President

LAND SURVEYING
HYDROGRAPHIC SURVEYING
AERIAL MAPPING
AIRBORNE, MOBILE, & HDS LIDAR
SUBSURFACE UTILITY ENGINEERING

WEISSER Engineering & Surveying

Walter P. Sasse R.P.L.S.
Principal
19500 Park Row, Suite 100 • Houston, Texas 77084
P.O. Box 219216 • Houston, Texas 77218
Phone (210) 879-7300 ext. 201 • Fax (210) 828-0656
E-mail: wsasse@weissereng.com

UNITED GEO TECHNOLOGIES, LLC
President: Patsy Ingram
7715 Mainland Dr., Suite 110
San Antonio, TX 78250
Phone: (210) 684-2147
pingram@unitedgeotech.com
www.unitedgeotech.com

UNITED GEO TECHNOLOGIES, LLC
President: Patsy Ingram
7715 Mainland Dr., Suite 110
San Antonio, TX 78250
Phone: (210) 684-2147
pingram@unitedgeotech.com
www.unitedgeotech.com

STANGER SURVEYING TYLER LLC
L. J. (Jace) Stanger, RPLS
President
R. S. (Shane) Neally, RPLS
Vice President
Preston Medford
Director
Phone: 903.534.0174
Fax: 903.534.8060
E-mail: stangercorp.com
Web: www.stangercorp.com

THOMPSON & ASSOCIATES, INC.
Consulting - Surveying - Engineering

1528 N NW Loop 233 • Tyler, TX 75703
Phone: (903) 593-0128
Fax: (903) 592-5474
E-mail: tassurveying@suddenlink.net

Thompsonsurvey.com

McGRAY & McGRAY LAND SURVEYORS, INC.
Certified DBE/WBE/HUB
TBPES Firm No. 10095500

JD J. Throck F.P.L.S.
President

15350 Industrial Blvd. • Austin, Texas 78737
Phone: (512) 451-8591
Fax: (512) 451-8791
mcgray@mcgray.com

LANDMARK SURVEYING, LP

Dana A. Markus-Wolf, R.P.L.
President of the General Partner
TBPES No. 100977-00

208 E. 5th Street • Austin, TX 78701
(512) 328-7411 Fax: (512) 328-7413
dana@landmarksurveying.com

Robert Keys & Associates

Surveying/Mapping/Planning

Robert E. Keys, RPLS
President
Wendell Stoner, RPLS
President

WIEG & ASSOCIATES

Surveying, Engineering, Planning

2335 S Discovery Lane • Austin, Texas 78735
Phone: 512-606-7013
Fax: 512-606-7014
www.wiegassociates.com

Gerrity Says Associates, Inc.

Gerry Curtis RPLS
President

1905 E. Grande Blvd.
Tyler, TX 75703

Licensed Surveyors in Texas, Louisiana, Arkansas and Pennsylvania

Silc Oil & Gas Surveying

Boundary & Topographic Surveying

Geographic Information System

High Definition Surveying

GCA
Gerald D. (Gerry) Curtis RPLS
President
TBPES No. 10081300

P.O. Box 471787
Fort Worth, Texas 76147-2848

Douglas W. Turner, RPLS
Survey Director

FORD ENGINEERING, INC.

Rex L. Hackett, RPLS
Survey Manager

10500 Industrial Blvd. • Austin, Texas 78737

Phone: (512) 451-2700
Fax: (512) 451-2701

Proudly serving the Greater Austin Area

DUNAWAY

Annan Moore, RPLS
5500 Southwest Freeway, Suite 400
Fort Worth, Texas 76107

718-335-1121 Fax: 718-335-7437

AMOONCHE@DUNAWAY.COM

Dunawayassociates.com
TBPLS No. 10098100

Calverh Surveying

Calverh Creek, TX 77025

719 725-5868 Fax: 719-725-5869
info@calverh.com

Touche Surveying

13333 Northwest Freeway, Suite 306
Houston, Texas 77040

912-462-3176 Fax: 912-462-1611

Dunamessurveying.com

TBPLS No. 10105700 (Houston) & 1010704 (San Antonio)

JASON A. JANJIGIAN RPLS
TBPES Firm No. 10101900

George C. Zoption RPLS
TBPES Firm No. 10098000

HALFF

Boh Kornak
R.P.L. Certified Photogrammetrist

HALFF Associates, Inc.

1021 North Bowknot
Richardson, TX 75082-2709

Phone: 972-232-7399
Fax: 972-232-7379

Jim@halff.com

Civil Engineering
Surveying GEGIS PLANNING
Hveled 2240 W. YDVE, Suite 104

CIVIL ENGINEERING
Surveying GEGIS PLANNING
1024 W. YDVE, SUITE 104

3100 725-5868 Fax: 3100-5869
info@halff.com

VISTA SURVEYING

Surveying, Mapping & Planning

Vista Surveying

Surveying, Mapping & Planning

Robert Keys & Associates

Surveying/Mapping/Planning

Robert E. Keys, RPLS
President
Wendell Stoner, RPLS
President

VISTA SURVEYING

Surveying, Mapping & Planning

3045 W. Grande Blvd.
Tyler, Texas 75703

RPLS
Fax: 903-591-7779
Cell: 903-534-5000
harry@ljohnsonassoc.com

HARRY L. JOHNSTON & ASSOCIATES

E.L. “Buster” Sartain
Registered Professional Land Surveyor

2001 W. Grande Blvd.
Tyler, Texas 75703

RPLS
Fax: 903-591-7779
Cell: 903-534-5000
bucker@easttexas.com

EL’S SURVEYING & MAPPING, INC.

12 E. Sartain

E.L. “Buster” Sartain
Registered Professional Land Surveyor

2001 W. Grande Blvd.
Tyler, Texas 75703

RPLS
Fax: 903-591-7779
Cell: 903-534-5000
bucker@easttexas.com

EL’S SURVEYING & MAPPING, INC.


**PROFESSIONAL LISTINGS**

**REGISTERED**

- Martin Cristofaro, RPLS #4891
  HNTB Corporation
  17923 Windy Canyon Lane
  Houston, Texas 77084-7027

- Jason Gabriel, RPLS #6530
  Maverick Land Surveying Co
  1856 Lockhill Selma Rd Ste 105
  San Antonio, Texas 78213-1558

- Brian Rhodes, RPLS #5962
  Rhodes Surveying
  4424 State Highway 276
  Rockwall, Texas 75032-9111

- Darryl Zercher, RPLS #
  137 Country Place Drive
  Adkins, Texas 78101-2300

**ASSOCIATE / SIT**

- Ryan Costello
  Willbros Engineers US
  16350 Park Ten Place
  Houston, Texas 77084

- Travis Crocker
  Adams Surveying Company, LLC
  1475 Richardson Drive Ste 255
  Richardson, Texas 75080-4663

- Andrew Furlong
  JPH Land Surveying, Inc.
  11624 Jollyville Road Apt 426
  Austin, Texas 78759

- Adam Johnson
  Peloton Land Solutions
  3211 Meadowview
  Corinith, Texas 76210

- Raymond Polkinhorn
  Atkins - North America, Inc.
  18383 Preston Road Ste 500
  Dallas, Texas 75252

- Christina Weaver
  Rhodes Surveying
  4424 State Highway 276
  Rockwall, Texas 75032

**AFFILIATE**

- Alicia Sapa
  White Hawk Engineering & Design
  303 S Jupiter Road Ste 100
  Allen, Texas 75002-3049

**STUDENT**

- Steven Harris
  18644 Oak Shadow Circle
  Conroe, Texas 77302-5263

**GEOSPATIAL**

- John Garza, Sr.
  Poznecki Camarillo Inc.
  5835 Callaghan Road Ste 200
  San Antonio, Texas 78228

**SUSTAINING**

- United Geo Technologies LLC
  Patricia Ingram
  7715 Mainland Drive Ste 110
  San Antonio, Texas 78250-6008
SURVEY CREW CHIEF / SURVEY TECHNICIAN

Cuplin & Associates, Inc., a professional land surveying firm working primarily out of Burnet, Llano, Williamson & Travis Counties, Texas has an immediate need for the following positions.

SURVEY CREW CHIEF
Candidate must have a minimum of 5 yrs of experience leading a survey crew. Experience with Topcon GPS, and Topcon Robotic Total Stations a plus.

SURVEY TECHNICIAN
Candidate must have a minimum of 5 years of experience and be proficient processing field data, preparation of topographic and boundary surveys, construction staking calculations, writing metes and bounds descriptions, understanding of the State Plane coordinate systems and Datums, perform survey calculations and are familiar with Carlson Software and AutoCAD 2015.

Great pay and benefits include health insurance, life insurance, paid time off and yearly bonus incentives. Please email resume, references, and salary expectations to: jobs@cuplinassociates.com

SURVEY SUPERVISOR - Austin, Texas
Survey Supervisor, City of Austin, Austin Energy
For more information go to: http://www.austincityjobs.org/
And refer to job posting # AE501038

SURVEY CAD TECH and a SURVEYOR-IN-TRAINING

JDJR Engineers & Consultants, Inc.
Immediate opportunities for an Experienced Survey Cad Tech and a Surveyor-in-Training in Irving, Texas. Must have experience in ALTA, Boundary and Topographic Surveys, Construction Staking, Subdivision Platting, and preparation of Easement documents. Should be proficient in AutoCad, Carlson, Civil 3D Software and GPS. Ability to analyze boundaries (under RPLS Supervision). Organize research for field and reduction of field data.

We are a small, fast paced Civil Engineering and Land Survey Company. We have been in business since 1997. Salaries are negotiable based on experience. Medical/Dental/Vision Benefits. Friday afternoons off!

Qualified Applicants email resume to janet@jdr.com or fax (972)252-8958.

SURVEY MANAGER – Georgetown, TX

Steger Bizzell is seeking a Registered Professional Land Surveyor to lead and grow our survey operations in Georgetown, TX. Responsibilities will include the establishment of operational plans and staffing levels to develop local surveying capabilities for public infrastructure (TxDOT, counties, and municipalities) and private land development projects. This position will also assist in the recruitment and development of staff to ensure growth of operations and the maintenance of positive client relationships.

ACS is interested in quality persons with great work ethic, and strong leadership skills. Check out our website for more information on us. Come join the team!

Reply to jobs@allcountysurveying.com

(See CLASSIFIED ADS, page 28)
SURVEY TECH MANAGER – Temple, TX

Ronald Carroll Surveyors, a Temple based land surveying company, is searching for an experienced Survey Tech Manager.

This position requires a hands-on individual with the ability to complete assignments on-time while leading and managing a small department of survey techs. Candidates should have experience with AutoCAD in a surveying environment and have a strong desire to lead and develop people. Current SIT certification or working toward SIT certification is a plus but not required. Candidates should be an organized and task-driven individual.

Duties and Responsibilities include:

- Daily processing of survey data, including evaluating accuracy and sufficiency and ensuring compliance to applicable regulations and professional and industry standards related to boundary calculations, legal descriptions, etc.
- Prepare survey plats and drawings, legal descriptions and alignment drawings
- Provide technical office support
- Perform quality control checks of plats and drawings prepared by other technicians
- Set schedules and productivity objectives for department
- Conduct training sessions for team members
- Conduct performance evaluations

Required Experience, Education & Skills

- 2 or 4-year degree in Surveying, Geography, GIS or related field is required
- Excellent computer and technical skills, including AutoCAD and MS Office Suite
- Proficient in technical math, including Geometry and Trigonometry
- Strong listening, writing and verbal communication skills
- Experience in boundary and topographic surveys

RCS offers competitive salaries and an excellent benefit package.

Email resumes to hr@rcsurveyors.com.

SURVEY TECHNICIAN

Survey Consultants, Inc. is currently seeking a Survey Technician for our Richardson, Texas office with proficiency in AutoCAD Civil 3D for the preparation of construction staking calculations, boundary, topographic and ALTA surveys, easement descriptions, and plat preparation. Excellent pay and benefits. Send resumes to employment@surveyconsultantsinc.com.

MULTIPLE POSITIONS - San Antonio, Texas

Sinclair Land Surveying, Inc., a San Antonio based firm is currently seeking applicants for the following positions:

Texas Registered Professional Land Surveyor

Experienced in Residential, A.L.T.A., Topographical and Construction Staking. Applicants must have experience with AutoCADD and G.P.S.

S.I.T. - Survey Technician

Experience with ALTA, Topographic and Residential Surveys required.

Duties to include research, CADD Drafting, coordinating with field crews, contouring, preparing subdivision plats.

We are also accepting applications for the following positions:

Survey Party Chief
Instrument Man
Rod Man
AutoCAD Draftsman

Send resumes to lsinclair@sinclairsurvey.com.

SURVEYOR TECHNICIAN

San Miguel Electric Cooperative, Inc. is now accepting applications / resumes for:

Power Plant - Surveyor Technician

PRIMARY DUTIES AND RESPONSIBILITIES:

- Be able to use GPS equipment in the performance of static and RTK survey.
- Compute material thicknesses and stockpiles utilizing computer software and Microsoft Excel.
- Construction staking.
- Topographic surveying.
- Collecting and processing GPS data.
- Perform site calibrations
- Prepare maps and drawings of survey data.
- Light vehicle maintenance.

REQUIREMENTS:

- Mathematical aptitude
- Shift work.
- Good vision, hearing and balance.
- Experience with surveying software and Microsoft Office.
- Ability to work outside in inclement weather.
- Attention to detail and take initiative when required.
- 3-5 years surveying experience.
- College level surveying classes a plus.

San Miguel Electric Cooperative owns and operates a lignite fired power plant located in Christine, Texas, approximately 45 miles south of San Antonio, Texas.

San Miguel offers an excellent benefit package, which includes:

- 401(k) and Defined Benefit Plan
- Medical, Dental, Life, Business Travel, Accidental Death & Disability Insurance
- Sick Leave, Vacation and Paid Holidays

(See CLASSIFIED ADS, page 29)
MULTIPLE POSITIONS AVAILABLE

MERIDIAN SURVEYING & MAPPING - HOUSTON: is a multi-disciplined firm providing surveying, mapping, and GPS services on a wide variety of residential and commercial projects. We are conducting a search for qualified professionals to fill multiple positions including: Party Chiefs, I-Men, and Draftsmen. We offer a strong benefits package which includes Medical, Dental, LT Disability, Life Insurance, Vision, Tuition Reimbursement, Job Training and opportunities for advancement. If you are interested in a confidential interview please fax your resume to (713) 722-7613 or email to spike@mersurvey.com.

MULTIPLE POSITIONS AVAILABLE

WINDROSE LAND SERVICES - AUSTIN: is a multi-disciplined firm providing surveying, mapping, and GPS services on a wide variety of commercial, industrial, residential, municipal, and telecommunication projects. We are conducting a search for qualified professionals to fill multiple positions including: Party Chiefs, I-Men, Survey Techs and Draftsmen. We offer a strong benefits package which includes Medical, Dental, LT Disability, Life Insurance, Vision, Tuition Reimbursement, Job Training and opportunities for advancement. If you are interested in a confidential interview please fax your resume to (512) 326-2770 or email to ronnie.willis@windroseaus.com.

RPLS/SIT

Small Land Surveying firm in Dallas accepting resumes for Texas RPLS and Surveyor-in-Training positions.
Experience necessary, Proficient in AutoCAD and/or Microstation
No travel, Must begin work at 7:00am, Valid Driver’s License, Drug-Free
Submit resumes to: egarcia@garcialanddata.com

PARTY CHIEF – Victoria, Texas

Urban Surveying, Inc. is seeking an experienced party chief to join our Victoria office team. Projects include Oil/Gas exploration and pipeline, boundary surveys, topographic surveys and construction staking. USI offers competitive compensation, 401(k) plan, paid employee health insurance and paid vacation. Please send resume to truddick@urbansurveying.com.

PROJECT MANAGER/RPLS – Denton, Texas

TNP has an opening for an experienced Survey Project Manager or R.P.L.S. to join an established survey department. This position is responsible for the production of design, ALTA & boundary surveys, plating, construction staking, and document preparation on a variety of private and public sector projects, including residential subdivisions, public infrastructure improvements, parks, schools, churches, hospitals, retail and commercial developments.
**Position Requirements:**

- B.S. in Surveying or related field preferred, but not required.
- Texas Registered Professional Land Surveyor or a Certified Surveyor in Training.
- Responsive and results oriented.
- 3+ years of responsible experience as a Survey Project Manager.
- Knowledge of Trimble GPS and Robotic Total Station.
- Knowledge of Civil 3D 2011 (or newer), Carlson, and/or Trimble Business Center, and Microsoft Suite.
- Ability to develop solid working relationships.
- Ability to schedule work to meet deadlines.
- Ability to meet client expectations.
- Strong communication and organizational skills.
- Good listener.
- Strong sense of Urgency with “Get it done”/”Can do” attitude.

**Responsibilities:**

- Survey project production and management.
- Client management and development.
- Effective project control planning, analysis and adjustments.
- Conducting analysis and preparing boundary surveys, right-of-way surveys, easement plats and related documents.
- Managing & delivering project assignments within established budgets and timelines.
- Coordinating & collaborating with engineering design teams.

Visit our website at www.tnpinc.com for more information, or e-mail resume and salary history to humanresources@tnpinc.com.

**EXPERIENCED CAD TECH – Fort Worth**

Sempco Surveying, Inc. has a full-time opening for an experienced CAD technician. Valid driver’s license and drug screening required. Benefits include 100% paid insurance, vacation, holidays, 401K plan and 4 day work week.

Send email to begin application process at www.sempcosurveying.com under Contact tab.

**MULTIPLE POSITIONS – TEXAS, NEW MEXICO, LOUISIANA**

GeoShack is the largest Topcon dealer in North America and the technology leader in leveling, alignment, measurement, guidance and grade control solutions to the Construction, Survey, Machine Control and Agricultural markets in North America. As we continue to grow we are looking to hire talented individuals who enjoy a challenging, fast-paced environment in the surveying industry that’s both competitive and rewarding. We have openings in survey and BIM, sales and technical support. GeoShack offers generous benefits including medical, dental and vision insurance, disability and life insurance, and paid time off. We also offer 401(k) retirement plan with company match. Go to www.geoshack.com/careers for a complete list of current openings and to apply on-line.

**MULTIPLE POSITIONS AVAILABLE - Houston, Texas**

LUPHER, LLC Texas Professional Land Surveyors in Houston Texas has the following open Full Time Employment positions available for Surveying on Public Works & Transportation Design Projects. Typical Projects involve Control Surveys, Boundary, Route & ROW Acquisition, Topographic, Utility Line Locations, Private Development Surveys, Construction Survey Control Mapping, etc.

- RPLS (2-5 years’ experience)
- SURVEY PARTY CHIEF (5+ Years’ Experience)
- INSTRUMENT MAN (2+ years’ experience)
- SURVEY TECH OR S.I.T. (2+ years’ experience)
- SR CAD TECH – (Autocad/Microstation/Geopak PREFERRED)
- MICROSTATION CAD TECH

Lupher, LLC offers Competitive Salary & Year End Bonus. Full Benefits include Medical, Dental, Vision, Life, IRA, & FTO. Please email resume to rlupher@lupherllc.com TBPLS FIRM No. 10193807

**MULTIPLE POSITIONS AVAILABLE – Corpus Christi**

Urban Engineering, a Corpus Christi based firm, is seeking experienced land surveyors at all positions; for projects in Corpus Christi and surrounding areas.

Projects include Boundary, Topographic, and Construction Staking. Some travel and weekends may be required.

Urban Engineering offers a competitive compensation package and benefits including Medical/Dental/Vision/Life/401K and paid time off.

All offers of employment are contingent upon the prospective employee passing a background/drug screen, which will include the candidates driving record.

Please send all resumes and correspondence to jolenep@urbaneng.com.

**LAND SURVEYING BUSINESS FOR SALE**

An EXCELLENT opportunity to purchase a very profitable land surveying business in the Dallas area that has been successfully run by its owner for over 20 years. 80% of the current business is from repeat customers that value the integrity, quality and consistency of the service. The owner has established a reliable and professional support organization of field personnel to assist in serving their clients. The owner is willing to support a new owner(s) on a successful transition of the business to a buyer.

Listing Price: $399K
Total Sales: $515K
Cash Flow: $282K

For details, contact Donald Wendel at 214-751-3911 or by email at d.wendel@murphybusiness.com.
TRADE IN & TRADE UP
OFFER ENDS SEPTEMBER 30, 2015*

TRADE-IN ANY TOTAL STATION AND RECEIVE UP TO $9,000 TOWARDS A NEW iCON ROBOT 60 TOTAL STATION SYSTEM

- One-person construction layout and 3D machine control
- Cube Search boosts prism search while Target Snap ignores other prisms, only locking on yours
- Powerful iCONstruct software can be used as a remote control for optimum functionality

OR

TRADE-IN ANY TOTAL STATION AND RECEIVE UP TO $2,500 TOWARDS A NEW iCON BUILDER 60 TOTAL STATION

- Professional grade construction layout
- Intuitive user interface paired with industry leading layout software
- The highest quality manual total station

AGGRESSIVE FINANCING RATES AVAILABLE! *NOT VALID WITH ANY OTHER OFFER.

DUE TO MANUFACTURER AGREEMENTS, THIS TRADE-IN SPECIAL IS LIMITED TO THE FOLLOWING LOCATIONS:

33 Barber Court 1550 Boggs Rd 10621 Harwin, Ste 318 1447 Rollins Rd
Ste 119 Duluth, GA 30096 Houston, TX 77036
Birmingham, AL 35209 (P) 800.220.7206 (P) 800.220.7206 (P) 713.779.0900
(P) 1.205.942.0404 (P) 770.935.0408 (P) 713.779.0905
(F) 1.205.942.0484 (F) 770.279.1088 (E) fahim.dangra@leicaus.com
(E) chad.randolph@leicaus.com
4317 North 16th St 601 S. Campbell 8014 Staples Mill Rd 2942 Century Place
Phoenix, AZ 85016 Tucson, AZ 85719 Henrico, VA 23228 Costa Mesa, CA 92626
(P) 800.938.0608 (P) 800.805.4056 (P) 1.804.515.7984 (P) 800.938.0606
(P) 602.274.2052 (P) 520.624.4056 (P) 1.804.515.7369
(F) 602.274.3740 (F) 520.628.8835 (F) 714.546.0502
(E) mike.strom@leicaus.com
(E) mike.strom@leicaus.com
(E) mike.strom@leicaus.com

*NOT VALID WITH ANY OTHER OFFER.
### Leica Network Rover
**Features**
- Integrated GMS Antenna Technology
- GPS L2 and GLONASS
- IP68 protection against dust and submersion
- Base/rover or network rover configurations available
- Fully integrated radio

### GeoMax Zenith 25 Pro
**Features**
- Future Proof
  - Quad-Band GSM/GPRS
  - UHF radio and Bluetooth®
  - True GNSS: GPS, Glonass, Galileo & SBAS
- Extremely Rugged
  - IP68 dust and waterproof
  - Withstands a 2 m drop
  - Vibration resistant

### Spectra Precision SP80
**Features**
- New 240-channel 6G ASIC
- Z-Blade GNSS-centric
- 3.5G cellular modem
- Internal 2 Watt UHF radio
- Built-in WiFi communication
- SMS and e-mail alerts
- Anti-theft protection
- How-swappable batteries