Restoration of the Southeast Corner of New Mexico

See page 16.
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In This Issue
On the cover – Surveyors from Texas and New Mexico joined forces recently to restore the marker at the Southeast Corner of New Mexico. Check out this in-depth article on the history of the corner and the recent restoration event by Mike Hoover. (See page 16 – cover photo by Quentin Garcin.) Also, read about the recent SkillsUSA State Land Surveying Competition, which included more than 30 young participants. (See page 26.)
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During the January, 2015 Board of Directors meeting, the board approved a motion “to allocate up to $40,000 of the 2014 budget surplus for investment in improvements and renovations to the TSPS office.” The improvements to the state office began on April 1st and included paint, carpet, recessed lighting, granite countertops, facets, new buffet, built in shelving units just to name a few. The renovations are now complete – just a little unpacking, organizing and decorating still needs to be done. When we were preparing for the renovations, some great maps were found that are being framed and will be displayed around the office. Please stop by anytime to see the newly renovated TSPS office.

In mid-April, I attended NSPS/MAPPS joint conference “The Map to the Future” in Arlington, VA. Pat Smith, NSPS Immediate Past President; Henry Kuehlem, NSPS Director for Texas and Past NSPS Area 8 Director; John Watson, Past NSPS Governor for Texas and Alternate NSPS Director for Texas; Gerry Curtis, NSPS Past President and Gary Jeffress were also in attendance. During the conference, I participated in a one-day meeting with 14 other Executive Directors from around the U.S. After listening to various NSPS presentations, each of us had time to share our “best practices” and give updates from the past year. One recurring topic was the establishment of a state representative/liaison to the NSPS Young Surveyors Network.

Per the NSPS website “The NSPS Young Surveyors Network is modeled after the International Federation of Surveyors (FIG) Young Surveyors Network. Its aim is to establish a national network of Young Surveyors within NSPS and its affiliate organizations.” The group held their first meeting in San Diego in 2014 and plan to meet again in October, 2015 in Ohio. “The NSPS Young Surveyors are defined by surveyors aged 35 years or under, students of surveying or those surveyors within 10 years of graduating from a Bachelor or Master’s Degree.” The Texas contact for this group is Robert Hansen with JPH Land Surveying, Inc. If you are a young surveyor and would like to get involved with the Young Surveyors Network, please contact Robert at 512-778-5688 or email him at robert@jphls.com.

TSPS President-Elect, Paul Carey is preparing for the annual Strategic Planning meeting as he will chair this event. Come participate and help guide the path for TSPS’s future. The meeting will be held at the beautiful Horseshoe Bay Resort in Marble Falls, TX on July 24-25th. Reservation information can be found in the Community Calendar on the TSPS website. Please be sure to RSVP on the website as well if you plan to attend (www.tsps.org).

“When I’m 64!” is the theme for TSPS’s 64th Annual Convention & Tech Expo to be held at the Sheraton Dallas Hotel on October 8-11. Four 2-hour and two 4-hour educational sessions will be offered on Saturday and five 2-hour and five 4-hour educational sessions will be offered on Sunday. All classes are currently pending TBPLS approval but include an off-site Tree ID class and sessions from national speakers Jeff Lucas, Dennis Mouland and Dave Doyle. Make your hotel reservations early because it will sell out due to it being Texas OU weekend. A complete schedule and registration information will be available online in mid-June.
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TSPS SUPPORTS END OF OCCUPATION TAX

What follows is a draft of the letter sent to Sen. Jane Nelson, Chairman of the Senate Finance Committee, by 19 professional organizations including TSPS, supporting the elimination of the state occupation tax. By the time you read this, the Texas legislature will probably have dealt with this issue, and hopefully they will have done so positively. If so, the $200 tax that all non-government surveyors pay when we renew our Land Surveying License each year will be eliminated, and the remaining fee of $179 per year, will be enough to fully fund the current operations of the Texas Board of Professional Land Surveying. – Jim Gillis, TSPS President

The Honorable Jane Nelson
Room 1E.5
Texas State Capitol
Austin, TX 78701

Dear Senator Nelson:

On behalf of the more than 400,000 licensed, hard-work Texas professionals our organizations represent, we are writing to urge you to keep the repeal of the state occupation tax in the Committee Substitute for House Bill 7.

In 1991, the 72nd Texas Legislature imposed an annual $200 occupation tax on certain professionals. The new fee was supposed to be temporary, but 23 years later, our members still pay the $200 annual tax.

The occupation tax was imposed because most professional businesses were not subject to the franchise tax at that time. However in 2006, when the franchise tax was significantly changed, all the professional groups currently paying the $200 annual occupation tax became subject to the franchise tax.

It’s time to eliminate this hidden occupation tax that selectively targets our professional service industries.

(See Occupation Tax, page 31)
FROM THE PRESIDENT

JAMES B. GILLIS

“In any moment of decision, the best thing you can do is the right thing, the next best thing is the wrong thing, and the worst thing you can do is nothing.”

Theodore Roosevelt

Today is May 3, 2015, and we have just successfully completed our second TSPS Board of Directors meeting, along with the Ray Wisdom Barbecue and Auction. The BOD meeting was the most well attended in many years. All members were represented except for one chapter, and I believe that was due to a sudden illness. This is a strong indication that the members of our Board of Directors continue to take their responsibilities seriously.

As I look back over our meeting, there are a number of matters of a positive nature that I would like to mention. There is still a great deal to be accomplished, but we are moving in the right direction and we are making progress.

1. By the time you read this I will have attended 14 TSPS Chapter meetings so far in my tenure as President, and still hope to attend more. If any chapter that I have not visited wishes me to do so, please contact me.
2. In April I attended the TXDOT Committee on Geomatics and Surveying meeting in Austin, where TSPS presented that committee a plaque recognizing its contributions.
3. Our Standards Committee has begun to work on updating and re-writing our Manual of Practice.
4. Our Education Committee continues its remarkable work of helping to educate our members and as it turns out we often have surveyors from outside of Texas, some several states away, attending our seminars and symposium.
5. Our Public Relations Committee is working on a High School Student recruitment program to help bring the surveying profession to the attention of students in the hopes that some may see it as an opportunity for an interesting and challenging career.
6. Our Skills USA Committee is active in recruiting young students into the field of surveying, and has recently been the recipient of the donation of 4 Leica Total Stations which will be used to help spread the gospel to several additional schools.
7. Our TLTA Liaison Committee continues to work on developing a standard certification for surveys done in this state similar to what has been developed by ALTA/NSPS.
8. Our Registration Practices Committee, as requested, is investigat-

(See From The President, page 13)
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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 Texas Business & Commerce Code §§ 26.01(a), (b)(4) provides that a contract for the sale of real estate must be in writing. But the Supreme Court has long held that an agreement between two or more persons for the joint acquisition of land is not a contract for the sale of land and is not required by our statute of frauds to be in writing.


Ganim and Alattar were friends who began looking for properties to invest in together. They visited a 3,800 acre tract in Washington County that was for sale. Two days later Alattar, while accompanied by Ganim, executed an agreement as “Frank Alattar, Trustee” to purchase the Property.

In the days following Alattar’s execution of the purchase agreement, Alattar, Ganim and their lawyers exchanged documents culminating in Alattar and Ganim executing an Agreement of Limited Partnership. Despite Ganim and Alattar each signing the LP Agreement, they later disputed whether it correctly reflected the terms of their agreement. Because of the disagreement, Alattar notified Ganim that he would not enter into a partnership and denied that Ganim had, or would have, any interest in the Property. Ganim subsequently sued Alattar. While suit was pending the sellers conveyed the Property by special warranty deed to “Farouk Alattar, Trustee.” Neither the purchase agreement nor the deed identified a trust or named any trust beneficiaries.

Ganim’s position at trial was that he and Alattar agreed to purchase the Property as partners and six documents, taken collectively, established that Alattar acquired the Property on behalf of the Partnership. Alattar contended he had no agreement with Ganim to acquire the Property as partners. He insisted that he had purchased the property for himself and his family. The trial court ruled in favor of Ganim, with the jury finding that the Property had been acquired by Alattar for the benefit of the Partnership.

The court of appeals reversed, concluding that the agreement was one for the sale of real estate and subject to the statute of frauds. The court of appeals held that the parties’ agreement, alleged by Ganim to exist by reading six different documents together, did not comply with the statute of frauds because no single document contained the terms of the deal or the signature of the party to be charged. In addition, the six documents couldn’t be read together because the later documents did not refer to each other.

Ganim argues that Alattar purchased the Property for their mutual benefit. Thus, Ganim contends, this was an agreement for the joint acquisition of real property, not a land purchase agreement, and it is not subject to the statute of frauds.

Alattar argues that Ganim has shifted positions on appeal: in the trial court he argued Alattar agreed to convey the Property to the partnership, but he now contends Alattar agreed to purchase the Property for the partnership and a second conveyance was not required. Alattar further contends that both of Ganim’s positions fail because each requires Alattar to have purchased the Property as trustee for benefit of the partnership and such an agreement would be an express parol trust in land, which the Texas Trust Code makes unenforceable.

The court concluded that neither the statute of frauds nor the Texas Trust Code bar the enforcement of the agreement.

The agreement found by the jury was that Alattar purchased the Property for the Partnership. It was not an agreement for the sale of real estate nor did it create an express trust. Thus, it was not required to comply with the provisions of either Business & Commerce Code §26.01 or the Trust Code provisions in Property Code §112.004.
ing the possibility of Photogrammetrists becoming registered by TBPLS.

9. Our Online/Distance Education Sub-Committee Chair, Jeff Echt, is nearing completion of converting the third Short Course book to various digital formats as has been done with the Manual of Practice and the first two Short Course books. Jeff is devoting a great deal of his own time and energy to making this happen, and deserves all our thanks for his efforts.

10. The TSPS office, for the first time in many years, is undergoing renovations and improvements which will be finished by the time you read this. These will make the office a better place to work and also a comfortable venue in which to hold meetings and bring visitors. If you get a chance feel free to drop by to take a look and to say hello to DJ, Doug and Brenda.

11. The State of Texas 2015 legislative session is almost finished. At the time of writing, no new bills can be introduced, and most of the relevant bills that have been introduced are positive to the Land Surveying community. In particular, it would appear at this time that there will be additional funding allotted for another part time TBPLS investigator, and it is quite possible that the $200 occupations tax that non-government employed surveyors pay in addition to the $179 license renewal fee will be abolished this session.

12. This year there are 2897 RPLS’s in Texas, of which 2468 are active. 1092 RPLSs are members of TSPS, and in total there are 1504 TSPS members.

“Our Public Relations Committee is working on a High School Student recruitment program to help bring the surveying profession to the attention of students in the hopes that some may see it as an opportunity for an interesting and challenging career.”

– Jim Gillis

By the time you read this you should have received the 2015 TSPS Membership Directory. I hope that all of you will make good use of it. This may be the last hardcopy version of a Membership Directory that we publish, depending on the wishes of future Presidents. Most, though not all of the cost of publishing the directory, (approximately $16,000), is covered this year by advertising.

In talking with many of you I understand that most surveyors continue to be busy. As we move towards the summer season, I would like to wish you all the best for the coming months and I truly hope that you all will get a chance to relax and enjoy some time with your friends and families this summer.
Common Research Mistakes
Surveyors Make

(Part 2 – Forward Search)

By Knud E. Hermansen
P.L.S., P.E., Ph.D., Esq.

In a previous article I stated that surveyors often make five common mistakes in researching the records. In the first article I discussed mistakes made in determining senior title. The second of five common mistakes often made by surveyors when researching the records is the failure to perform a forward search.

Many surveyors perform a record research back in time but fail to perform a search forward in time. As a consequence, the surveyor will often miss recorded out-conveyances from a parcel. The surveyor will also fail to find other recorded documents (e.g., boundary agreement) related to the boundary of the parcel being researched.

Assume a research of the records has disclosed that Randy owned a residential lot from 4 June 1932 to 16 August 1974. On 13 June 1950, Randy conveyed a five-foot strip of his residential property to his neighbor, by a properly executed deed. The neighbor built a fence along the new boundary on 2 May 1954 (thereby providing notice).

On 16 August 1974, Randy conveyed the residential lot to Bill. The deed from Randy to Bill used the original description and did not mention the five-foot strip conveyed to the neighbor twenty-four years previously.

On 23 August 1989 the executrix (personal representative) of the neighbor’s estate discovered that the deed for the five-foot strip from Randy

(See Common Research Mistakes, page 15)
to the decedent had never been recorded. The executrix recorded the deed for the five-foot strip on 23 August 1989. Although the deed was executed in 1950, the deed was indexed in the indices covering the 1989 time period when the deed was finally recorded.

If a surveyor fails to perform a forward search, the surveyor will not discover the recorded deed conveying the five-foot strip of land to the neighbor. The surveyor, with Bill as a client, would believe the fence was encroaching on Bill’s property.

What this example illustrates is that a complete record search entails using the name of a previous owner and searching every grantor index from the time the property was conveyed to a predecessor in title up to the present time. This procedure is known as a forward search. Unless a forward search is performed, the surveyor will not discover some conveyances that were made, properly indexed, and are effective against the title to real estate.

Bringing to light a surveyor’s failure to perform a forward search will

“Unless a forward search is performed, the surveyor will not discover some conveyances that were made, properly indexed, and are effective against the title to real estate.”

– Knud Hermansen

Knud is a professor in the surveying engineering technology program at the University of Maine. He offers consulting services in the area of boundary litigation, title, easements, land development, and alternate dispute resolution.

(Continued from page 14)
O n March 14, 2015, a small group of Texas and New Mexico Surveyors, headed up by Craig Alderman of Midland, gathered at the location of John H. Clark’s monument marking the intersection (as located by Clark) of the 32nd parallel and the 103rd Meridian. This point marks the southeast corner of New Mexico and an interior corner of Texas. Sounds simple enough, right? Clark’s report, entitled Boundary between Texas and New Mexico - Report of Commissioner - relative to the 32° of latitude and the 103rd Meridian between the 32nd and 33rd degree of latitude - Survey commenced September 1858 - Report made September 1861, is not terribly lengthy, but I could not help but be drawn to these two paragraphs:

“By the 15th of April the 32nd parallel was run and marked from the Rio Grande to the Pecos, and in 3 days thereafter a flag was set on the “Llano Estacado” in the further prolongation of the line. By establishing a depot of water, it was continued out on the Plain for 35 miles & marked by monuments where it had again to be broken in consequence of the entire absence of water, and the presence of deep sand. The nearest water after leaving the Pecos was in the white sand hills, distant, in a direct line, 65 miles, & its discovery costs no little time, risk & exposure. By making a considerable detour to the South, however, I managed to get supplies to these sand hills where I had the gratification to be able to determine the parallel for the 5th and last time and 22nd of May erected the monument marking its intersection with the 103rd Meridian,”

Having completed the 32nd parallel I turned Northward on the 103rd Meridian using pack mules exclusively as heavy sand precluded the possibility of taking wagons along. The Meridian was traced up to the 33rd parallel although every drop of water used had to be transported from the white sand hills.”

Not a lot has changed from Clark’s 1861 description of the land (reporting on 1859 field work). In the 156 years that have passed since Clark and his crew were on the ground, the sands have shifted, but little else has changed. A kind of lonely two-lane asphalt road (Texas North FM 2118) runs north/south along the Texas-New Mexico border just to the east of the corner, and of course well sites that weren’t there in 1861 litter the landscape in all directions when viewed from an aerial perspective. Other than that it is a brutal landscape of sand and scrub that somehow begets a rare beauty. The kind of beauty you come to appreciate only after you have left the place and begin seeing it in your mind’s eye.

The corner itself is situated on private property, land belonging to D. K. Boyd and his wife T. J. They call it the “Frying Pan Ranch” (use your imagination!) and it is said to contain 137,372 acres. When approached, the Boyd’s were happy to let Craig and his group of surveyors restore the corner. As reported in the Spring 2011 Magazine “The Land Report” they like to look at the big picture: “We need to leave something for future generations that’s better than what we have…You have to look at the long term, because the land’s going to be there forever.” Indeed it is.

Standing near the corner and looking from west to north it is easy to imagine being part of Clark’s original field party. And that’s what it’s all about, right? Judge George Washington Smith, author of the classic 1867 Texas Supreme Court decision on Stafford v. King 30 Texas 257 (1867) said it first and best: “...The actual identification of the survey, the footsteps of the surveyor on the ground, should always be followed, by whatever rule they may be traced.” Many times as surveyors we are stymied in following those footsteps, particularly when they are ancient footsteps, vanishing footsteps. But not so in this case. Here we know we are standing where Clark stood. We can read about it (in his field notes); we can see it; we can touch it; we can feel it. And that is gratifying and worth perpetuating, not only because this is a significant corner, but because we are doing what it is that surveyors do.

But it is not just Clark’s footsteps that we are following. We are following in a virtual trail of footsteps left by an incredible array of pioneer surveyors, mappers, scientists and adventurers. The history of this corner and these boundary lines is fascinating. Remarkably well-documented, it is a story of politics, of disagreement and compromise, of blood, sweat and tears, of unquenched thirst, of men working together and of men in discord. Boundaries, particularly on a grand scale, can sometimes be nebulous things (contrary to our inner survey sanctum). So here this crew gathered on a crisp April day in 2015, standing in the same spot on earth that a similar crew stood in May of 1859 and again in April of 1911. Cool beans.

(See SOUTHEAST CORNER, page 17)
The Texas Surveyor/May 2015

There is a whirlwind of United States history from 1803 to 1850. Manifest Destiny was leading the young country westward, and boundaries were changing at a rate we can hardly imagine today. Major events were contouring the land: the Louisiana Purchase in 1803, which doubled the size of the U.S.; the Adams-Onis Treaty of 1819, which ceded Florida to the U.S. and defined a new border between the U.S. and Mexico; the 1845 annexation of Texas into the U.S., which triggered the Mexican-American war between 1846 and 1848 and ended with the Treaty of Guadalupe Hidalgo and Mexico ceding almost all of the present American southwest and upper California to the U.S.; and finally, the Compromise of 1850. These events are all significant, but the Compromise of 1850 particularly so in the context of this article.

In the aftermath of the Mexican-American war many questions beset the growing American nation. Foremost was the question of how best, on multiple levels, to manage the land acquired by force from Mexico as set out in the Treaty of Guadalupe Hidalgo. The Treaty set out the major consequences of the war: the Mexican Cession of the territories of Northern California and New Mexico, and the long awaited acceptance by Mexico of the loss of Texas and the establishment of the Rio Grande River as a national border. The question of slavery was at the forefront of the question – would it be allowed in the new territories? The laws created in the Compromise included:

- Admitting California as a free state
- Creating Utah and New Mexico Territories with the question of slavery in each to be determined by popular vote
- Settling a long standing Texas-New Mexico boundary dispute in favor of Texas (one of several “wins” for a young Texas)
- Ending the slave trade in Washington DC
- Making it easier for southerners to recover fugitive slaves

The results of the Mexican American War brought Texas into serious conflict with the U.S. Government over Texas boundary claims. During the spring and summer of 1850, Congress grappled with an array of claims, proposals, and lines on maps that sliced Texas up like a patchwork quilt. On August 5, Sen. James A. Pierce of Maryland introduced a bill that offered Texas $10 million in exchange for ceding to the national government all land north and west of a boundary beginning at the 100th Meridian where it intersects the parallel of 36°30’, then running west along that parallel to the 103rd Meridian, south to the 32d parallel, and from that point west to the Rio Grande. Texas would cede all territory outside this line for an amount of 10 million dollars in U.S. stock bearing 5 percent interest, redeemable at the end of 14 years. After some tense negotiations, this one stuck, just barely, and on September 9, 1850, President Millard Fillmore signed the compromise into law. The Texas Legislature accepted the proposal on November 25th, and the Texas-New Mexico boundary lines were finally resolved – at least on paper! The compromise line ran the Texas western boundary from El Paso east along the thirty-second parallel to the 103rd Meridian, thence north up that Meridian to 36°30’ latitude, and thence east along that line to the 100th Meridian, thence down the 100th Meridian to the Red River. The 36°30’ line was chosen since Texas was a slave state, and that line had been established in 1820 as the Missouri Compromise line between slave and free territory in the

(Continued from page 16)

The Southeast Corner of New Mexico

(See SOUTHEAST CORNER, page 18)
Louisiana Purchase. The 100th Meridian was chosen as the point at which the border would depart from the Red River and head north because it was approximately equi-distant from the headwaters of the Arkansas River (106°) and the point where the Arkansas crosses into Louisiana.

Almost nine years passed before any effort was made to define the boundary lines. The U.S. did not authorize a survey of the lines until 1858, and included a budget not to exceed $80,000 to pay for it. U.S. Secretary of the Interior Jacob Thompson appointed John H. Clark to serve as commissioner on behalf of the United States. Texas appointed William R. Scurry, a lawyer and army officer, to serve as Texas Boundary Commissioner.

TEXAS – NEW MEXICO BOUNDARY LINE SURVEYS (perhaps not 100% complete, but substantially the footsteps we are following):

- Jacob Thompson, U.S. Secretary of the Interior, appointed John H. Clark to serve as Commissioner on the part of the United States. Clark appointed J. E. Weyss assistant surveyor and Hugh Campbell assistant astronomer. Gov. Runnels of Texas appointed William R. Scurry as the Commissioner on the part of Texas. He also appointed Charles A. Snowden as surveyor and John H. Pleasants as clerk or secretary. Pleasants later resigned and Scurry appointed Anson Mills as his secretary pro tem. Mills was a surveyor who had attended West Point. According to Clark, “the surveying was actually done in this manner: Mr. Weyss did all the work, and Mr. Mills looked on and took a copy his notes.” Ultimately Scurry and the rest of the Texas Commission resigned; Clark carried on. According to Clark the party traveled a total of 1,248 miles to survey 211.4246 miles along the 32nd parallel. Thirty-two monuments were established along the way. When he turned north along the 103rd Meridian he traversed as far as the 33rd parallel and erected three monuments along the way before suspending the work due to lack of water. He then attempted, as instructed, to run a Meridian near the Pecos River and establish the 103rd Meridian by offset. This effort he also abandoned due to the sandy terrain and lack of water. He ultimately started again from the northwest corner of Texas at the intersection of the intended 103rd Meridian and the 36°30’ parallel and headed south to approximately the 34th Meridian where he again stopped the survey. With this final effort Clark concluded his survey, leaving a hiatus of some 56 miles between his two endpoints. Including the NW corner, a total of 23 monuments were set along this line. (1858-1861)

- In 1872, prior to the Clark line confirmation by the State of Texas by the Act of March 25, 1891, R. B. Willison, U.S. Deputy Surveyor found and identified Clark Monuments 9, 10, 11, 13, 15 and 17.

- In 1882, A. C. Babcock of the Taylor, Babcock and Company of Chicago for the first time inspected the land it received in the state capitol transaction. He sought out W. S. Mabry, District Surveyor of Oldham County as his guide.

- In 1883 U.S. Deputy Surveyors Taylor and Fuss found and identified Clark Monuments 15 & 17.

- In 1892 W. D. Twichell (Texas) and Mark Howell (New Mexico) surveyed the 56 mile 296 vara hiatus between the two endpoints of Clark’s lines.

- In 1900 Levi S. Preston retraced Clark’s survey and determined that the northwest corner of the famous XIT Ranch fence line was at or near Clark’s original corner.

(See SOUTHEAST CORNER, page 19)
In 1903 Arthur D. Kidder, Examiner of Surveys for the U.S. General Land Office, again retraced Clark’s survey of both the 32nd parallel and the 103rd Meridian. Kidder determined that Clark’s error on the northwest corner was 2.29 miles west of the Meridian on the north, running south for a distance of about 172 miles. Clark’s survey of the 103rd Meridian left a hiatus between the 33rd and the 34th parallels and the two lines, if projected, would not meet. Kidder ultimately proclaimed that “the longitude is perhaps the most incorrect of any land line in the United States.”

In 1911 Congress authorized a commission to re-establish and re-monument the boundary line along the 103rd Meridian. Francis M. Cockrell, Commissioner on Part of the United States and Sam R. Scott, Commissioner on the Part of Texas (The Scott–Cockrell Commission) assisted by G. D. D. Kirkpatrick, Lee S. Miller and Robert S. Humicutt, started at Clark’s southeast corner of New Mexico – the very corner that is the subject of this article. The commission surveyed south to north, and for the first time formally spanned the hiatus left by Clark. New Mexico became a State in January of 1912. The boundary lines should have been copacetic by then, right? Not so much, at least not in the eyes of the people of New Mexico. As you’ve probably now surmised, the line originally located by Clark is situated approximately 2.29 miles west of the true 103rd Meridian at the northwest corner and 3.84 miles west of the true 103rd Meridian at the southeast corner. The common boundary line between Texas and New Mexico along the panhandle is approximately 310 miles long. When you do the math you will find something north of 600,000 acres which technically should have been located in New Mexico. In 2003 and again in 2005 New Mexico sued the State of Texas for the return of or compensation for 603,485 acres, and it wasn’t the first time. After all, the 103rd Meridian was the boundary line between New Mexico and Texas as set out in the Compromise of 1850. At least that is the argument made by New Mexico. But it is not to be. As surveyors we are taught that boundaries reside where the original surveyor placed them. A found and called for monument is golden, and it is true here as well. A Senate Judiciary Committee reporting on a joint resolution affirming the Clark line stated: “it is reasonably clear that Clark did not establish the true astronomical one hundred and third meridian, yet it is no longer an open question that ancient errors in the

(Continued from page 18)
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(Continued from page 19)

The Clark line, then, as established on the ground, “both by formal legislative adoption in 1891 by both governments and by long exercise of sovereignty by the State and acquiescence by the United States, constitutes the true boundary and can not (sic) be changed.”

MONUMENTAL HISTORY:

Forgetting for the moment that the location of the southeast corner of New Mexico is not where it was intended to be, but is where it was actually placed by Clark, here is a description of what both Clark and Cockrell set as evidenced by their field notes:

Clark’s Monument 32 (as described by Clark in his report of 1861): “At the intersection of the 32nd Parallel & the 103rd Meridian. This is a mound of very sandy soil. It has a bottle buried in it which contains the Latitude & Longitude of the point, a list of names of the members of the Commission and the date of its erection.” Clark described his earthen monuments as being “…of large dimensions and of the most substantial material possible. I believe they will endure the wear of time, wild animals, and wild Indians as well as any monument ever constructed in the United States to mark boundary lines.”

The Scott-Cockrell Commission in its 1911 re-survey of the Clark boundary found, for the southeast corner of New Mexico, an iron pipe 6 inches in diameter (a self-described well casing) 52 inches long, set 16 inches in the ground. As described by Cockrell in his report of April 18, 1911: “At the point occupied by said iron pipe I construct a concrete monument having a cubical base 30 ins. square, set 30 ins. into the ground, and a superstructure in the form of a frustum of a cone, incased in galvanized iron, with a lower diameter of 24 ins., an upper diameter of 18 ins., and projecting 30 ins. above ground; in the top of which there is embedded a brass plate, 6 ins. dia., marked,”

“CLARK BOUNDARY 1859”, in the north half, “GENERAL LAND OFFICE RESESTABLISHMENT 1911 UNITED STATES BOUNDARY COMMISSION”, in the south half and in the center (an east/west – north/south right angle line with the words NEW MEXICO on the upper left and TEXAS on the lower right).

“A bottle was placed in the center of the monument, in which were placed the following papers:”

“A copy of the Act of Congress providing for the survey, and a paper signed by all members of the survey party, as follows:”

“Reestablishment Apr. 18, 1911, in accordance with the enclosed act:”

Then the list of the 18 names and signatures of the entire survey party. And finally, his concluding comment:

“I raise a mound of stone around this monument 7 ft. base and 1 ½ ft. high.”

One hundred and four years later the mound is long gone as is the brass plate, but the concrete monument is still there with the indentions of the “feet” of the brass plate still evident in the concrete. It’s probably safe to say that the bottle placed in the center of the monument is still there as well, but tempting as it was to go after it, we held off! There is a galvanized sign post making the location, but the sign is gone. I kind of wonder how it read. Alas, survey markers make such fine souvenirs! Craig and his compadres from both Texas and New Mexico deserve so much credit for taking it upon themselves to restore this monument. Both the Texas General Land Office and the United States Bureau of Land Management were contacted and endorsed this effort. Ira Hardin obtained a new brass disk from Berntsen and it has the same east/west – north/south right angle line but on its face it now reads NM and TX in their correct relationship to the boundary lines with NMPS on the west edge and TSPS on the right edge. The year “2015” in the lower half completes all the annotation. Gary Jones of Hobbs, NM oversaw the production of the cover plate, which prior to installation was a beautiful 200 pound steel cocktail table powder coated in black with a hole situated dead center to allow access to the disk. An outline of both Texas and New Mexico state boundary lines together with both the TSPS and NMPS monikers make for a stylish cover plate – one that will, I hope, provide the disk some protection from treasure hunters. The installation and dedication was a fitting tribute to the lengthy trail, both literally and figuratively, that led to this location.

I am not the first to study and report on this interesting story. Far from it. Ralph H. Brock, a Texas Tech graduate who practices civil and criminal appellate law in Texas state and federal courts penned the definitive work on this topic, which appeared in the April 2006 issue of The Southwestern Historical Quarterly (published by the University of Texas Press, Journals Division, Austin, Texas). It is the last word on this topic and a must read for anyone interested in Texas boundaries. Also, I must mention Mr. Fred Roeder, LS, a Registered Land Surveyor in New Mexico, Arizona, Arkansas and Oklahoma. Mr. Roeder followed up on the same topic with articles and commentary which appeared in the winter 2007
and April 2009 issues of *The American Surveyor*, (a publication of Cheves Media LLC). I have relied heavily on both writers for content in this article. But foremost, at least for me, is the fantastic work done by Craig Alderman of Midland. Craig, a leader in the Permian Basin Chapter of TSPS, recruited me for the TSPS Course Development Team a couple of years ago and was the mastermind for the “Exploring Texas Boundaries” Seminar that TSPS currently sponsors. He also is heavily involved in the “High Plains Experience” boundary retracement in Channing, Texas and helps coordinate the Golf and CEU’s Seminar held annually (with the Llano Estacado Chapter of the NMPS) in Ruidoso, New Mexico. Craig is a soft-spoken guy with a big appetite for surveying history in Texas and a work ethic like few I’ve ever come across. At Craig’s suggestion the Permian Basin Chapter invited me out to Midland to witness the Restoration first hand and prepare this article. To say the trip was an honor and a privilege would be an understatement. I’m hopeful this article in some small way expresses my heartfelt appreciation, not only for the experience I had, but also for the good work Craig and his colleagues out west do for our profession.

(Mike Hoover has been surveying the lands of the greater Houston area since 1987. He is Senior Geomatics Manager of the Houston Office of McKim & Creed and is a Past President of the Gulf Coast Chapter 9 (Houston). He is currently serving the members of TSPS as a state level Director. Mike is a dedicated student of the study of the history, disposition and surveying of the public domain of the State of Texas and has been a past contributor to the Texas Surveyor.)

Content Sources:


*The American Surveyor,* December 2006, “Perhaps the most incorrect of any land line” Fred Roeder, LS


*The Southwestern Historical Quarterly:* “Perhaps the most incorrect of any land line in the United States”: Establishing the Texas-New Mexico Boundary along the 103rd Meridian; Ralph H. Brock, Vol. 109, Issue 4, April 2006, pp. 431-462. Stable URL: http://www.jstor.org/stable/3024331


Photography Credits:

Ed Trujillo, PS 12352, and wife Darlene
Kayla Davenport
Quentin Garcin
Trigg Lpher, RPLS 4752 of Houston Texas

We also are pleased to say “Thank you!” to the following people and entities who contributed to this effort:

Gary Jones, PS 7977, of Hobbs, NM handled the production of the cover plate.

Ira Hardin, RPLS 1798, of Las Cruzes, NM, Ira, in addition to his great support and encouragement, also coordinated the cap/disk order through Berntsen Monuments.

Jaime Gillis, RPLS 6019, and Colin Fletcher with Geomatic Resources provided the equipment to establish the official position for the restored monument. Jaime also will be taking the required steps to “Blue Book” the data.

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Southern Rio Grande Chapter of the New Mexico Society of Professional Surveyors
Texas General Land Office
Tim Pappas, RPLS 5543, PS 21209 of Midland Texas
United States Bureau of Land Management
COMING EVENTS

JUNE

June 7-9

TJC Surveying and Mapping Camp
The Surveying and Mapping faculty of Tyler Junior College and the local surveying community will host a residential camp to expose young students to educational and career opportunities in Land Surveying and the Geospatial Sciences. This camp is 100% underwritten by the college, Surveying Education Foundation of Texas and local companies - there is no cost for attendees. Registration is required and available online at:

http://www.tjc.edu/SurveyingCamp

For more info, contact Willace Johnson at wjoh@tjc.edu or 903-510-2995.

JULY

July 24-25

Strategic Planning & Third Quarterly Board Meeting
Horseshoe Bay Resort
2000 Hi Circle North
Marble Falls, Texas 78657
Room Rate: $149
Phone: 830-598-2511

Strategic Planning session Friday, July 24, with Board of Director meeting at 1 p.m. Saturday, July 25.

July 25

TSPS Deep East Texas Chapter 6 Seminar
“Client Communication - The Lifeblood of Business”
Presented by William E. Beardslee, PLS, PE, PP

(Earlybird Registration Deadline Monday, July 13. $50 late fee will be added to the fees Tuesday, July 14)

RPLS Cost – $225
Paraprofessional Cost – $180

8 CEUs (includes 4 hours ethics), course materials, breaks and a buffet lunch are included in registration fee. Cancellation Policy – Refund less $50 processing fee if notified by Monday, July 20.

MCM Elegante Hotel
Special TSPS room rate $95
Friday and/or Saturday nights
Call 409.842.3600 by 7/13/15

OCTOBER

October 8-11

64th Annual TSPS Convention & Tech Expo
Sheraton Dallas Hotel
400 North Olive Street
Dallas, TX 75201
Room Rate: $159
Phone: 214-922-8000

Visit www.tsps.org in the coming weeks for attendee and exhibitor information.
The General Land Office is the oldest state agency in the State of Texas. Many employees have come and gone over the past nearly 180 years since the GLO opened for business, some have left their mark here, but few have made the impact to this agency that LaNell Aston made. Texas surveyors will recognize the names of Ray Wisdom, Jack “Chief” Giber- son, Joan Kilpatrick, and C.B. “Ben” Thomson because they spent many years at the Land Office and contributed often to the surveying profession by providing seminars, speaking engagements, tours of the archives, advice, and general assistance. LaNell Aston retired from the GLO in February after 40 years of service and will always be remembered among this esteemed group by Texas surveyors in the same manner, for the same reasons.

LaNell Aston served the State of Texas and the General Land Office for over 40 years, serving under five land commissioners including Bob Armstrong, Garry Mauro, David Dewhurst, Jerry Patterson and George P. Bush. She began her career working for the Texas State Library and Archives in 1970 and transferred to the GLO in 1971, working in the Archives and Records Division and then the Surveying Division where she spent many years assisting the public around the state with questions regarding the original surveys and land ownership in Texas. She continued her career by obtaining an Associate of Science degree in Land Surveying in 1994, from Austin Community College. She obtained her Texas Real Estate License and was a long-time member of the Texas Society of Professional Surveyors. She has been an instructor and speaker at numerous seminars and training programs for land surveyors, attorneys, landmen, title companies and land owner groups throughout the State as well as for GLO staff.

During the Dewhurst, Patterson and Bush administrations, LaNell served as project manager and special assistant to the Chief Clerk where she was involved with the daily operations of the GLO and was instrumental in agency initiatives such as the transfer of the Christmas Mountains property to Texas State University; the transfer of a large tract of land on North Padre Island to Nueces County; and representing the Chief Clerk and Land Commissioner in various capacities with issues regarding the legislature, state and federal agencies, business organizations, councils and commissions, and dealing with difficult property issues concerning land with title and survey problems.

Ms. Aston’s experience and expertise have been critical to the success of land trades and sales that have benefited the Permanent School Fund. She has also been instrumental in advising legal counsel on litigation concerning the PSF’s ownership of real estate and mineral rights, particularly relating to riparian boundaries along riverbeds and coastal

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(See LaNell Aston, page 31)
High School Students Compete in State SkillsUSA Land Surveying Competition

By Shaun Piepkorn
TSPS SkillsUSA Chair

High school students from across Texas competed in the 2015 SkillsUSA State Land Surveying Competition from March 26-28 in Corpus Christi. In total, there were 33 students making up 11 teams (or field crews).

The State competition was based upon a team’s score out of 1,000 points and included taking a written exam, submitting a resume, and performing surveying field exercises. The written exam was worth 100 points per students (300 per team) and questions were similar to what might appear on the CST Level I exam – a handful of trigonometry problems, and even some surveying problems such as calculating bearings, distances, and areas. Two students scored a 75 on the written exam and are eligible to take the next CST Level I exam, paid for by the local TSPS chapters that represent the eligible student’s District. The field exercises made up approximately two-thirds of a team’s score. Students set up and used total stations to measure horizontal and vertical angles, performed closed level loops, and used steel tapes to measure points over 200 feet. During these exercises, teams were scored on their procedure, field notes, and accuracy of their data. After all field exercises were completed, students took their recorded data and completed a field drawing, which included a sketch, azimuths, bearings, distances, areas, title block, legend, scale bar, north arrow, and other items that you would expect to see on a field drawing. Finally, all the points were tallied up, and we came up with our winners.

The results of the 2015 SkillsUSA State Land Surveying Competition are:

1st Place – Birdville Team A
2nd Place – Birdville Team B
3rd Place – Duncanville Team B

This year’s State competition was one of the closest ever. First and second places were decided by only nine points and first through fifth places could have been interchangeable, based on the results of just a few questions! Each

(See SkillsUSA, page 27)

Photos by

Tiffany Johnston
Simple Serendipity Photography
year, schools are practicing and studying more, and their efforts are making this an extremely competitive event.

It was great to see members of TSPS come together to assist schools in preparation for the competitions and also judging the competitions. Some volunteers had to deal with non-favorable conditions like rain, cold temperatures, and even a Texas-sized blizzard (about one inch of snow). Unfortunately, these same volunteers did not get to experience the 80 degree, sunny weather underneath the palm trees in Corpus Christi! I hope the experience and free pizza was worth it!

There are a few people/organizations that deserve recognition for their efforts in assisting SkillsUSA this year. Bryan Gillis, Paul Van Oldenmark, and Kristina Drysdale, from

(Continued from page 26)

(See SkillsUSA, page 28)

First Place - Birdville Team A

Runner Up – Birdville Team B

Students gearing up to perform the field exercises at the State Competition.

Spencer McIntosh lines out students for their field exercise.

Jeff Montanya prepares teams to measure a horizontal angle.
SKILLSUSA STATE LAND SURVEYING COMPETITION

Texas A&M Corpus Christi, who assisted in the State competition and also brought total stations, levels, and other equipment to use. Ryan Gruber, from Western Data Systems, gave a demonstration of new technology in surveying such as UAVs, laser scanning, and robotic total stations. His demonstration sparked some interest in students whose only idea of surveying is what they practiced for competition. Western Data Systems also donated several of the supplies needed for competition. Ron Parker, from TSTC-Waco, has been directing District and State competitions for several years, and TSTC-Waco has provided him the resources and time to do so. Ron has also helped guide me in the process of becoming the SkillsUSA State Chair for TSPS. Lastly, Gorrondona and Associates, Inc. who has supported my efforts to continue to promote land surveying to high schools through SkillsUSA.

Looking forward to next year, I would like to invite any TSPS members who are interested in volunteering to certainly give it a shot. I started volunteering five years ago and have been hooked ever since! It is very rewarding to help guide these students and watch them succeed. I’ve also been able to see a couple students go on to study land surveying in college. If interested, please contact me at spiekorn@ga-inc.net. I have all the information to get you started and will help guide you through the process of leading your own land surveying teams to Corpus Christi.

Awards presentation in Corpus Christi.

Students performing a closed level loop at the State competition.

Ryan Gruber demonstrates new technology in land surveying.

Philip Adams teaches a student how to set up a total station.

(Continued from page 27)
CPR is the acronym for Cardiopulmonary Resuscitation. I’m guessing that just about everyone at least has heard of CPR. I hope many are trained on how to perform CPR on a person who needs the life saving technique. A wonderful creation for saving lives. Unfortunately many of us have a reluctance about the thought of giving CPR to a stranger. Why? Will we remember what to do? Will we hurt the victim, or break a bone by pushing too hard on their chest? What about the mouth to mouth part of giving breaths? Does the victim have an illness or serious disease? Understandable questions.

Well, there is an alternative to the well known CPR with mouth to mouth breaths. It’s actually been around for 7 or so years and is called Hands-OnlyTM CPR. That’s correct, it is CPR that requires only chest compressions using one’s hands. Hands-OnlyTM CPR is CPR without the mouth to mouth breaths and is far easier to perform, even by one who has no training. The American Heart Association states that most people who experience cardiac arrest when at home, at work or in a public location die because they don’t receive immediate CPR from someone at the scene. With Hands-OnlyTM CPR, family, workers or bystanders don’t have to be afraid. Actions taken to perform this life saving procedure can only help. Any amount is helpful, especially immediately upon the collapse of the victim. One of the primary reasons Hands-OnlyTM CPR works when administered immediately is that the victim's blood still has oxygen in it. Chest compressions cause the heart to move the victim’s blood around, getting oxygen to the brain. Hands-OnlyTM CPR is primarily for teens and adults. Children, especially small ones and infants benefit more from conventional CPR with breaths.

So what is CPR anyway? The first successful use of external chest compressions in human resuscitation was reported in 1903. Cardiopulmonary resuscitation was developed in 1960 and the American Heart Association (AHA) started a program to introduce physicians to close-chest cardiac resuscitation, the forerunner to CPR training for the public. In 1983 pediatric resuscitation was developing Hands-OnlyTM CPR ed for neonatal and pediatric patients. In 2008 Hands-OnlyTM CPR was publicized as a life saving technique for bystanders to use on adults who collapsed suddenly. The instructions were to call 911 and then perform “high-quality” chest compressions by pushing hard and fast in the middle of the victim’s chest.

How do you give Hands-OnlyTM CPR? According to the AHA web page, “If you see a teen or adult suddenly collapse, call 911 and push hard and fast in the center of the chest to the beat of the classic disco song “Stayin’ Alive.” CPR can more than double a person’s chances of survival, and “Stayin’ Alive” has the right beat for Hands-OnlyTM CPR. American Heart Association’s Hands-OnlyTM CPR campaign is supported by an educational grant from the WellPoint Foundation.”

Hands-OnlyTM CPR is two basic steps:
1. Call 911 or have another person do that.
2. Push hard and fast in the center of the victim’s chest.

There is actually a bit more to it, but the other items are few and very simple. If you walk up and see an adult or teen victim collapsed on the ground, even if there is a crowd and especially if no one is taking action, get close to the victim and shout out ARE YOU OK? ARE YOU OK? It may seem silly, but you may get a response. If they don’t respond, roll the victim over on his/her back and check for breathing. If the victim isn’t breathing, and if there is a crowd, pick someone and say “Call 911. If you are alone, call 911 to report the situation. Be prepared to stay on the line with the operator. That’s why you ask someone in a crowd to call. The 911 dispatcher will ask questions to get information on the emergency. Be specific, they need things like a good description of the location, a description of the situation, who is doing what. Giving answers and information won’t delay the emergency response. It will help the responders get to your location quickly and to better deal with the situation.

Then Push Hard and Fast in the center of the victim’s chest. Place the heel of one hand in the center of the victim’s chest; place the other hand over the first hand, and push hard and fast. The ideal number of compressions is 100 per minute. Be prepared to keep this up until emergency responders arrive. If you tire, trade off with another person but keep up the pushing.

An instructional YouTube video is available for viewing at the American Heart Association web site, http://www.heart.org/HEARTORG/CPRAndECC/HandsOnly-CPR/Hands-Only-CPR_UCM_440559_SubHomePage.jsp

There are risks for the receiver of Hands-OnlyTM CPR. Such injuries as fractured ribs or the breastbone (sternum) have occurred. But studies of the cases showed that the fractures did not cause serious internal bleeding or death. The chance of survival for the victim is near 0 if CPR is not administered.

CPR can more than double a person’s chances of survival, and “Stayin’ Alive” has the right beat for Hands-OnlyTM CPR. If you come upon an adult or teen who is collapsed, don’t be afraid to use it. Call 911 and begin compressions Fast and Hard, immediately, while singing (or humming) “Stayin Alive.” You could be a lifesaver.
PROFESSIONAL LISTINGS

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• Geographic Information System
• High Definition Surveying

BROOKES BAKER SURVEYORS

ALAN W. Hickey
Registered Professional Land Surveyor
ahickey@brookesbakersurveyors.com
806 H.E. Loop 410
San Antonio, TX 78221
(210) 491-0765
Fax: (210) 401-0004

DIGITAL MAPPING

GIS SURVEYS

GEODETIX, INC.

Bob Koranek
R.P.L. G. Certified Photogrammetrist
TBPLS Surveying Firm 101280

LAKEWAY SURVEYING

Engineering

Surveying

Civil Engineering/ Surveying/GPS/ Planning

10127 Southlake Blvd., Suite 104
Lakehills, TX 78063

HALFF

1000 N.E. Loop 410
San Antonio, TX 78217
(210) 354-9190
Fax: (210) 354-9191

McGRAY & McGRAY LAND SURVEYORS, INC.

Certificate DBE/WBE/HUB
TBPLS Firm #100095500

McGRAY & McGRAY LAND SURVEYORS, INC.

13333 Northwest Freeway, Suite 306, Houston, Texas 77040
Phone: 713.462.3178 • Fax: 713.898.6146 • E-mail: chmaun@idseng.com

T.B.P.L.S. Firm No. 10001100
T.B.P.E. Firm No. F-115

McGRAY & McGRAY LAND SURVEYORS, INC.

3301 Handbook Drive Suite 6
Austin, Texas 78751
(512) 451-8991 FAX 451-8991
mccgray@mccgray.com

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13333 Northwest Freeway, Suite 306, Houston, Texas 77040
Phone: 713.462.3178 • Fax: 713.898.6146 • E-mail: chmaun@idseng.com

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T.B.P.E. Firm No. F-115

McGRAY & McGRAY LAND SURVEYORS, INC.
LaNell Aston (Continued from page 25)

shorelines, such as lawsuits involving the Canadian River and the Laguna Madre and ownership issues along the Red River. Her historical knowledge of state land and mineral ownership was invaluable in advising counsel regarding PSF ownership issues in west Texas and throughout the State.

LaNell was my supervisor when I first came to work at the Land Office in January 1988. She set me in the right direction, teaching me about the history of the land grant system in Texas, the GLO archives and records, general operation of this important agency, and so much more. LaNell was also instrumental in bringing me back to the GLO in 2006 after a twelve year hiatus in the private sector, for which I am eternally grateful.

Everyone marvels at LaNell’s memory, her intellect and her cheerful disposition. Like most of us, LaNell often tapped into that well of knowledge. She was often running from one meeting to the next because it was a true benefit to have her in your meeting. She would reach into her well organized “Mary Poppins bag” filing cabinet and retrieve a file containing a pertinent history of the land or subject of the meeting. Often times, as a meeting was about to start and LaNell was not in the room, someone would ask in a worried tone, “Was LaNell invited to this meeting?” It was always a relief when she walked into the room. We all knew LaNell would someday announce her retirement from the GLO but none looked forward to that day. That day came in mid-February. LaNell retired from the GLO at the end of February 2015. Fortunately we have her cell number!

Sincerely,

Bill O’Hara
Chief Surveyor
Texas General Land Office

**PROFESSIONAL LISTINGS**

Jeff Ryall
Phone 713-516-5446
Service/Repair 713-779-0900
E-mail jeff.ryall@leicaus.com
Address 10621 Harwin #318
Houston, TX 77036

www.leica-geosystems.us

Technical Sales: Digital Levels, Total Stations, Robotics, RTK GPS & Nova Robotic/Scanners

LUPHER, LLC
TEXAS PROFESSIONAL LAND SURVEYORS
Robert A, Lupher, RPLS
Executive Vice President
Tel: 281-501-8718
10801 Hammerly Blvd
Suite 250
Houston, Texas 77043
Email: blupher@lupherllc.com

TBPLS FIRM # 10193807

OCCUPATION TAX

(Continued from page 9)

Most licensed professionals are small businesses. By eliminating the $200 annual tax, you will allow these businesses to invest their dollars back into the local economy instead of padding the government coffers.

Texas does not need an occupation tax. The House of Representatives included the repeal of this tax in CSHB 7. We respectfully ask you and the Senate Finance Committee to reinvest these dollars into our state economy in ways that benefit the entire economy.

The funds collected from the occupation tax do not finance the licensure or regulatory board of the associated professional groups.

Don’t just lower taxes. … Eliminate this one.

Sincerely,

Texas Association of Realtors
Texas Association for Interior Design
Texas Society of Architects
Texas Society of Professional Engineers
Texas Optometric Association
Texas Psychological Association
Texas Association for Property Tax Professionals
Texas Osteopathic Medical Association
Texas Society of Certified Public Accountants
Texas Nursery and Landscape Association
Texas Society of Professional Surveyors
Texas Dental Association
Texas Veterinary Medical Association
Texas Chiropractic Association
Texas Association of Defense Counsel
Texas Medical Association

Don’t just lower taxes. … Eliminate this one.

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Texas Chiropractic Association
Texas Association of Defense Counsel
Texas Medical Association

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Texas Nursery and Landscape Association
Texas Society of Professional Surveyors
Texas Dental Association
Texas Veterinary Medical Association
Texas Chiropractic Association
Texas Association of Defense Counsel
Texas Medical Association

Don’t just lower taxes. … Eliminate this one.

Sincerely,
FIELD PERSONNEL - Waco, Texas

Walker Partners, L.L.C. a civil engineering and surveying firm has employment opportunity for surveying positions at our home office located in Waco, TX.

FIELD PERSONNEL
Highly motivated field personnel to perform ALTA, boundary, topographic, engineering design, construction staking, and as-built surveys. Some short term travel is required. Experience with Leica GPS equipment is a plus.

Benefits include health insurance, 401(k), vacation, sick leave, and holidays, in addition field personnel receive bad weather pay.

Please email resume to khesel@walkerpartners.com or call Kevin Hessel at 254-714-1402 to schedule an interview. All inquiries are confidential.

SURVEY CREW CHIEF / INSTRUMENT OPERATOR

BASELINE CORPORATION, a professional land surveying firm with offices in Houston, Richardson, and College Station, Texas is currently accepting applications from qualified, organized and detail oriented personnel for the following positions:

Houston, TBPLS Firm No. 10030200 (Headquarters)

Survey Crew Chief –
A minimum of five (5) years of experience as a Survey Crew Chief responsible for a survey field crew using modern total stations, data collectors, digital levels and RTK GPS. Experience using Leica equipment will be a plus. Some in-state travel may be required. A good driving record is also required.

Instrument Operator –
A minimum of three (3) years of experience as a Survey Instrument Operator on a survey field crew using modern total stations, data collectors, digital levels and RTK GPS. Experience using Leica equipment will be a plus. Some in-state travel may be required.

Baseline Corporation offers a competitive benefit and compensation package, which includes medical, dental, vision, life insurance, long term disability plans, 401k match and ESOP.

Email resumes to info@baselinesurveyors.net.

RPLS - San Antonio, Texas

San Antonio Engineering firm seeking experienced RPLS to assist with drafting, research, boundary resolution, legal descriptions, platting and construction staking. Must be able to manage multiple tasks, coordinate projects and communicate effectively. Knowledge of Microsoft suite, GPS and AutoCAD Civil 3D required. Apply on our website at www.cudengineers.com or email resumes to careers@cudengineers.com.

LEAD PROFESSIONAL SURVEYOR

- Bachelor of Science Degree preferred.
- 4 years’ experience after certification
- A comprehensive knowledge of Texas Boundary and Topographic surveying along with construction staking practices
- Ability to prepare property descriptions and final plats
- Good managerial and communication skills
- Pre-employment and Random Alcohol and Drug Testing

Benefit Package offered.

- Competitive salary
- Medical/Hospitalization Insurance
- Paid Personal Time Off
- Paid Holidays

Email resumes to Sharon.stansel@sikessurveying.com or call Andy Sikes at 281-561-8118

SURVEY CREW CHIEF

$23 - $32 Hourly

ESSENTIAL DUTIES:

1. Performs advanced field calculations and data management.
2. Interacts with client.
3. Directs activities of the survey aide and the survey technician to ensure accurate and timely completion of the survey project.
4. Oversees the field surveying function of the business to meet client needs by performing skilled, technical work in the field.
5. Oversee and monitor survey equipment in the field to ensure that it is properly maintained, calibrated and fully accounted for on a regular schedule.

REQUIRED EXPERIENCE and TRAINING:

2. Experience - This position requires a minimum of three years of experience in boundary, topographic and construction surveys, design surveys, subdivision plats, ALTA/ACSM surveys, water rights surveys, horizontal and vertical control networks for aerial and GPS surveys.
3. Must be proficient in the use of field equipment, GPS Total Station, and Robotics. Must be familiar with the use of AutoCAD and Land Development Desktop.

All other requirements for employment with Pettigrew will apply.

Email resumes to emartinez@pettigrew.us.

RPLS / LAND SURVEY TECHNICIAN or SIT - Houston, Texas

Registered Professional Land Surveyors (RPLS) – Houston, Texas

Tri-Tech Surveying Company is seeking a Managing RPLS who is hands-on, has solid technical experience and has the ability to work in a fast paced work environment. This position will work closely with our management team, survey operations manager, administrative manager and supporting staff.

Principal job duties include but not limited to the following:

- Perform necessary work scopes primarily for home builder clients but projects may also include developers, individuals, commercial,

(See CLASSIFIED ADS, page 33)
SURVEY CREW CHIEF

Tri-Tech Surveying Company is seeking an experienced Land Survey Technician or certified Surveyor-In-Training. Must be able to produce and prioritize drawings for variety of land surveying projects including engineering, residential, commercial and oil/gas.

Position requirements:

- Must be proficient in AutoCad
- Working knowledge of LDD or Civil 3D preferred
- Minimum 3 years related work experience or SIT certification

Pre-employment requirements include negative drug screening and a successful motor vehicle record.

Excellent benefits package.

Qualified candidates email resume to hrmanager@tritechtx.com or apply online www.surveyingcompany.com. EOE.

SURVEY CREW CHIEF

BASELINE CORPORATION, a professional land surveying firm with offices in Houston, Richardson, and College Station, Texas is currently accepting applications from qualified, organized and detail oriented personnel for the following positions:

College Station, TBPLS Firm No. 10054400

Survey Crew Chief – A minimum of five (5) years of experience as a Surveyor Crew Chief responsible for a survey field crew using modern total stations, data collectors, and RTK GPS. Experience using Leica equipment will be a plus.

Baseline Corporation offers a competitive benefit and compensation package, which includes medical, dental, vision, life insurance, long term disability plans, 401k match and ESOP.

Email resumes to info@baselinesurveyors.net.

SURVEY TECHNICIAN or SIT

www.kimley-horn.com

Job Description:
Kimley-Horn is looking for an experienced Survey Technician or SIT in our Dallas, TX office. Responsibilities include:

- Preparation of topographic surveys, subdivision platting, and Alta surveys.
- Work closely with RPLS and engineering staff to ensure proper coordination and project completion.

Required Skills:

- 3+ years of relevant experience in land development (commercial, single-family, etc.) and municipal development projects.
- Strong written and verbal communication skills.
- Ability to apply legal and technical understanding for the creation of legal/construction documents/plans.
- Working knowledge of land development desktop, Civil 3D, and Carlson software.
- High school diploma or equivalent.

Send resume to: luke.burton@kimley-horn.com or apply at www.kimley-horn.com

KHA is an EEO employer: EOE AA/M/F/D/V

SENIOR LEVEL RPLS - Midland, Texas

Surveying And Mapping, LLC (SAM) is looking for a senior-level, Registered Professional Land Surveyor to join our growing team in our Midland, TX office. As the Midland Office Manager for SAM, you will direct and lead the operations of the Midland office. You will develop professional staff and drive the sales in all areas of company services to ensure growth of operations. We are looking for someone with a unique mix of technical depth and business acumen to foster and lead the growth of a major office location. Additionally, the successful candidate will be responsible for the business development and sales in all areas of company services and coordination with senior management for company operations. $$ SIGNING BONUS WITH OFFER $$

Please apply on our career site at www.saminc.biz/careers and come join our team of professionals that are leading the way for the surveying industry!

SAM is an EEO/Affirmative Action Employer M/F/D/V. If you are interested in applying for employment with SAM and need special assistance to apply for a posted position, please contact 512-685-3556 to leave a message or send an e-mail to hraccommodation@sam.biz. Surveying And Mapping, LLC (SAM) participates in the federal E-Verify Program.

PROFESSIONAL LAND SURVEYOR - San Antonio, Texas

Mackie Consultants, a leading consultant in Civil Engineering and Land Surveying, has an immediate opening in its San Antonio, TX office for a Professional Land Surveyor. Selected candidate must have progressive work experience in the review of Plats of Subdivision, Plats of Survey, Topographic Surveys, ALTA/ACSM Surveys and Boundary Surveys. Candidates must possess a working knowledge of legal documents and title reports. PLS required.
CLASSIFIED ADS

Mackie Consultants is part of The Burke Group (TBG). We are a fast-growing family of 11 companies offering civil engineering and surveying services and are one of the largest surveying companies in Northeastern Illinois. We use the latest robotics, GPS technology and wireless data transfer providing speed and accuracy.

We seek out experienced and responsive professionals who are committed to personal service. Mackie Consultants offers high growth potential and a comprehensive benefits package including medical, dental, life, disability, vacation and sick days as well as an employer matching 401(k) program. Interested candidates should email resume to lavila@tbengineering.com

Mackie Consultants, LLC is an Equal Opportunity Employer

SIT or SURVEY CAD TECH - Irving, Texas

JDJR Engineers & Consultants, Inc.

Immediate opportunity for SIT or Survey CAD Tech in Irving, Texas. Must have experience in ALTA, Boundary and Topographic Surveys, Construction Staking, Subdivision Platting, and preparation of Easement documents. Proficient in AutoCad, Carlson, Civil 3-D Software and GPS. Ability to analyze boundaries (under RPLS Supervision). Organize research for field and reduction of field data.

We are a small but fast paced Civil Engineering and Land Survey Company. Medical/Dental/Vision Benefits, Qualified Applicants email resume to janet@jdjr.com or fax (972)252-8958.

PROFESSIONAL LAND SURVEYOR

Brown & Gay Engineers, a Texas consulting engineering firm, is seeking a newly registered to experienced RPLS in the Austin & Houston area. Candidates should be a RPLS in the state of Texas with excellent communication skills, project management experience and working knowledge of Civil3D software. Surveying and mapping experience in the areas of land development, site development, public works and transportation/TxDOT are beneficial but not required.

For a full list of openings and to apply visit the careers section at www.browngay.com.

CONSTRUCTION SURVEYOR- Wharton, Texas

Barnard Construction, a heavy civil construction company has an employment opportunity for surveyor/grade checking positions at the Lane City Reservoir Project, a 40,000 acre-foot reservoir located 8 miles south of Wharton, TX at Lane City. We are seeking hard working individuals with experience in embankment construction staking, quantity surveys and topographic surveys. Experience with Trimble SCS900 equipment is preferred.

Please email resume to Chris.Muhlbeier@Barnard-Inc.com or call Chris Muhlbeier at 979-531-8150 to schedule an interview.

CAD TECHNICIAN / PARTY CHIEF - Midland, Texas

Frontier Surveying Company is actively seeking a qualified candidate for the following position in our Midland office:

CAD Technician/Party Chief -
Perform drafting and CAD services under the direction of RPLS. Ensure compliance with the Professional Services Procurement Act and Frontier Surveying policies and procedures. Adhere to safety regulations according to industry standards and all policies and procedures defined by Frontier Surveying. Minimum of two to four years of demonstrated experience and knowledge of field land surveying practices and techniques. Must be willing to travel and work overtime as needed. Must be able to pass a background check and random drug screenings.

Qualified applicants, please submit your resume via email to hr@frontiersurveying.com.

RPLS/SIT or EIT/PE - Lubbock, Texas

RPLS or SIT in Lubbock or EIT or PE with surveying experience. Salary DOE. Send resume to karyn@abacusengineering.com.

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.

RPLS Fort Worth/Keller

DeOtte Engineering is seeking a qualified individual for the following position:

Registered Professional Land Surveyor
5 to 10 years of experience as a project manager, researching, budgeting, completing and billing survey projects.

Qualifications:

- Must be a Registered Professional Land Surveyor in Texas
- Proficient in AutoCAD Civil 3D, Trimble Access, TBC, Trimble GPS, and Microsoft Office.
- A comprehensive knowledge of ALTA/ACSM Land Title Surveys, Boundary, and Topographic surveying along with construction staking and GPS experience.
- Ability to prepare easement documents, legal descriptions and final plats.
- Good managerial and communication skills.
- Problem solving skills.

Duties Include:

- Assist with daily operations, business development and client management
- Assist in the preparation of budgets and proposals
- Conducting survey work in the field
- Supervise the preparation of drawings and metes and bounds descriptions

Send resume to yvetedotte@deotte.com

(See CLASSIFIED ADS, page 35)
**MULTIPLE SURVEY POSITIONS AVAILABLE**

Payne LLC in Caldwell, TX is seeking qualified candidates to fill the following positions:

- Registered Professional Land Surveyor
- SIT (Surveyor In Training)
- Party Chief
- I-man
- Rodman

RPLS Requirements: Experience in oil and gas surveying including but not limited to: pad/well and access road staking, unit plat preparation and pipeline surveying. Position includes both management and production so CAD proficiency is required, Carlson Survey software experience preferred but not necessary.

Party Chief Wanted: Requirements - Minimum 3 years party chief experience. Must have right-of-way, pipeline, construction, topo, and boundary experience.

SIT (or individual going for their SIT) Requirements - Party Chief experience, CAD proficient, plat preparation, metes and bounds preparation experience. This position will have both field and office aspects and provide project management opportunities.

Payne LLC offers competitive pay, paid time off, and paid holidays. Positions are available immediately. Applicants must be able to pass a drug test. Please email resumes with references to ccleary@paynelandsurveying.com.

**SURVEY CAD TECHNICIANS**

Monahans and Cleburne TX offices have openings:
- Survey Cad Technician - Carlson / Autocad / LGO

We pay well and have huge diversity in clientele and project type.

Please email resumes to:

info@transtexassurveying.com.

**SURVEY PARTY CHIEF – SURVEY TECHNICIAN / SIT**

Richardson, Texas

Survey Party Chief – minimum of 5 years’ experience as a crew chief with knowledge of boundary/topographic/construction surveys. Experience with Trimble, Leica, is preferred.

Survey Technician/SIT – minimum of 2 years of experience using Carlson or TerraModel to develop ALTA/ACSM Land Title Surveys, Topographic Design Surveys, Platting and easements, knowledge of Trimble Business Center would be a plus.

Competitive Salary and retirement, Health/Dental/vision Insurance.

Please send resumes or work history with references to Philip Adams padams@adamssurveyingcompany.com.

**SENIOR SURVEY TECHNICIAN - Garland, Texas**

The City of Garland, Texas is seeking a Senior Survey Technician in our Engineering Department. Competitive salary and benefits package. View job description & apply online at


**REGISTERED SURVEYOR / SENIOR PROJECT MANAGER**

Westwood Professional Services

Westwood Professional Services, Inc. is seeking Registered Surveyor to join our Power team in our Plano, TX office. Westwood has a highly experienced and dynamic team of individuals dedicated to providing high-level professional services to our clients.

**Duties and Responsibilities:**

- Managing scope, schedules and budgets on land surveying Wind farm and Solar farm projects.
- Prepare survey proposals.
- Define project tasks, schedule and resource requirements.
- Establishes goals for the projects and assist with achievement of QA/QC goals.
- Managing survey office and field staff.

**Qualifications:**

- Must be a Registered Professional Land Surveyor in Texas.
- 10 plus years of both land surveying office and field experience is preferred.
- Proficient in AutoCAD Civil 3D, Trimble Business Center, and Microsoft Office.
- A comprehensive knowledge of ALTA's, Boundary, and Topographic surveying along with construction staking and GPS experience.
- Interest in wind farm and solar farm projects.
- Strong ability to multi-task and work on multiple projects simultaneously.
- Well-developed conflict resolution skills.
- Good managerial and communication skills.
- Problem solving skills.
- The ability to utilize various types of survey equipment.

A full benefit package is available. Interested candidates should apply at http://www.westwoodps.com/careers/current_job_postings/

About Westwood Professional Services, Inc. (Westwood)

Westwood Professional Services, Inc. (Westwood) is a multi-discipline survey and engineering firm providing services for commercial and residential development, renewable energy, power delivery, and oil and gas projects. The firm was established in 1972 and serves clients across the nation from multiple U.S. offices. Westwood was recently named to the top 10 in The 2014 Zweig Letter Hot Firm List, which recognizes the 100 fastest-growing architecture, engineering, planning and environmental consulting firms in the United States and Canada

**SENIOR SURVEY TECHNICIAN**

Westwood Professional Services

Westwood Professional Services, Inc. is seeking a Senior Survey Technician to join our team in our Plano, TX office. Westwood has a highly experienced and dynamic team of individuals dedicated to providing high-level professional services to our clients.
Duties and Responsibilities:

- Assisting project manager on scope, schedules and budgets on land surveying of Wind farm and Solar farm projects.
- Prepare survey proposals.
- Define project tasks, schedule and resource requirements.
- Establishes goals for the projects and assist with achievement of QA/QC goals.
- Managing survey office and field staff.

Requirements

- Possession of a valid class C driver's license.
- Any equivalent combination of education and/or experience may be accepted.
- One (1) year of experience in a survey lead capacity.
- Three (3) years of land survey experience including construction staking.
- Knowledge of conventional survey instruments (total stations, thriving, levels, prism poles and level rods).
- Ability to perform mathematical computations using algebra, geometry, and trigonometry.
- Knowledge of conventional survey terminology and chaining procedures.
- Knowledge of the principles and accepted practices of professional land surveying.
- Knowledge of land survey terminology and chaining procedures.
- Knowledge of conventional survey instruments (total stations, theodolites, electronic distance measurements (EDMs), data collectors, levels, prism poles and level rods).
- Ability to perform mathematical computations using algebra.

Responsibilities would include downloading aerial images and ground based scanner files, creating photo mosaics and point clouds, and manipulating point cloud data to create various finished products.

Urban Surveying, Inc. Advanced Technologies Division offers competitive compensation, 401(k) plan with employer match, paid employee health insurance and paid vacation. Please send resume to urbansurveying@urbansurveying.com.

RPLS - SURVEY TECHNICIAN

Goodwin-Lasiter-Strong Central Texas Office

Registered Professional Land Surveyor

Minimum 2 years experience as a Survey Manager. Duties include crew management, boundary analysis/description preparation, office/client coordination, and proficiency in AutoCad/Survey Software.

Survey Technician

Experienced Survey Technician position available. Job duties include assisting R.P.L.S with boundary related activities, data reduction, calculations, and field crew management.

Obtain application at www.glstexas.com and submit along with resume to krayment@glstexas.com

LAND SURVEYING POSITION AT DFW AIRPORT

GENERAL SUMMARY

Under general supervision of the Land Surveyor, coordinates and works with the survey party in gathering survey data used to prepare boundary surveys, topographic surveys, as-built surveys, maps and exhibits of Airport property. Establishes horizontal and vertical control traverses, uses manual and automated data collection systems for boundary reconstruction, topographic surveys and construction layout, and communicates findings to the Land Surveyor in a clear and well-organized format. Become familiar with the basics of DFW Airport's Environmental Management System & Environmental Policy and implement Best Management & Good Housekeeping Practices.

MINIMUM REQUIREMENTS

- Completion of high school curriculum or equivalent.
- Three (3) years of land survey experience including construction layout and boundary reconstruction.
- One (1) year of experience in a survey lead capacity.
- Any equivalent combination of education and or experience may be substituted for the above.
- Possession of a valid class C driver’s license.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

- Knowledge of the principles and accepted practices of professional land surveying.
- Knowledge of land survey terminology and chaining procedures.
- Knowledge of conventional survey instruments (total stations, theodolites, electronic distance measurements (EDMs), data collectors, levels, prism poles and level rods.
- Ability to perform mathematical computations using algebra,
geometry and trigonometry and compile raw survey data.
• Ability to read construction plans and surveys and to make calculations using architectural/engineering scales.
• Ability to perform and close horizontal and vertical control traverses within acceptable tolerances.
• Ability to work within the guidelines established for working within the Airport Operations Area (AOA).
• Ability to communicate clearly and effectively, both orally and in writing.
• Ability to establish and maintain effective internal and external working relationships.
• Ability to pass a medical physical examination.

DESIRABLE
• Experience with Global Positioning System (GPS) data collection.
• Surveyor-In-Training candidate in the state of Texas.

INSTRUMENT OPERATOR/RODMAN – Austin, TX
McGray & McGray Land Surveyors, Inc. has immediate openings for Instrument Operators and Rodmen.

• Must pass pre-employment drug screen.
• Ability to travel required.
• Benefits include Medical/Dental/Simple IRA.
• Hourly rate commensurate with experience.

Email resume to chrisc@mgray.com or fax (512) 451-8791.

MULTIPLE POSITIONS AVAILABLE

SURVEY INSTRUMENT OPERATOR
CRIADO & Associates, Inc. (CRIADO) has an immediate full-time opening for a Survey Instrument Operator, assisting in the daily surveying activities under the supervision of a Party Chief. Position requires experience in Trimble, Leica, Digital Leveling and TSC3 data collectors. Knowledge of boundary and topographic surveys, utility locates and TxDOT is preferred.

SURVEY TECHNICIAN
CRIADO has an immediate full-time opening for a Survey Technician. Position requires experience with boundary and topographic surveys, utility locates and TxDOT. Strong MicroStation and Geopak skills are required. Experience with Trimble Business Center and records research is a plus.

SURVEY CREW CHIEF
CRIADO has an immediate full-time opening for a Survey Crew Chief. Position requires at least 5 years’ experience as a crew chief with knowledge of boundary and topographic surveys as well as utility locates. TxDOT experience is a plus. Experience with Trimble, Leica, Digital Leveling and TSC3 data collectors is preferred.

Positions offer full benefits package. Salary is competitive and commensurate with experience.

Email resume to hr@criadoassociates.com or fax to 972-392-9192.

MULTIPLE SURVEY POSITIONS AVAILABLE

MSM Surveying & Mapping seeking qualified candidates for the Dallas area. Positions listed below:

• Texas Professional Land Surveyor
• Survey Tech
• Party Chief

Top pay for qualified personnel.

Send resume to markvmatthews@gmail.com

SURVEY TECH/SIT/RPLS - Rockport, Texas
Experience with coastal (33.136) and/or industrial boundary surveys required. Duties include GLO and county research, USACE research (FOIA), working sketches, field work, CAD, GIS, and QA/QC. BS degree required, MS preferred, will consider Associate degree with demonstrated experience.

Must pass background check and drug screen, have or able to obtain TWIC card. Must be able to safely operate a small boat (<30 ft) in adverse weather conditions.

Must work on and in the water: background in surfing, duck hunting, kayaking, and an OUPV (6-pack) license a plus.

Send resume to info@naismithmarine.com.

SENIOR PARTY CHIEF – AUSTIN
Cobb, Fendley & Associates, Inc. (CFA), located in Austin and San Antonio, is seeking a full time Senior Party Chief.

Successful candidates will have a minimum of 3 - 5 years of Crew Chief experience including; Boundary, ALTA/ACSM Surveys, Topographic/Tree Surveys, and Construction Staking. A working knowledge of Total Stations, Levels, Trimble GPS/Robotics and TSC3 data collector is preferred. Some travel may be required. Good verbal and written communication skills and a CST Certification are a plus. SIT or SIT Track applicants preferred. Benefits include a competitive compensation package. All offers of employment at CobbFendley are contingent upon the prospective employee passing a drug screen, background check and possessing a valid Texas driver’s license without restrictions.

Email Resumes to: hr@cobbfendley.com
Fax resumes to: 713-462-3242

Mail Resumes to:
Human resources
Cobb Fendley & Associates, Inc.
13430 Northwest Freeway, Suite 1100
Houston, Texas 77040-6153

RPLSs - Multiple Locations

Civil Engineering Consultants (CEC) is seeking qualified individuals for the following positions in our San Antonio, Laredo and Bryan/College Station offices.

Registered Professional Land Surveyor
5 to 10 years' experience as a project manager, researching, assembling, coordinating and billing survey projects.

Duties include, but are not limited to:

• Assist the Survey Division Manager with daily operations, business development and client management

(See CLASSIFIED ADS, page 38)
CLASSIFIED ADS

- Assist in the preparation of budgets and proposals
- Coordinate and supervise office and field personnel
- Supervise the preparation of drawings and metes and bounds descriptions
- QA/QC survey work performed
- Manage multiple tasks and coordinate multiple projects

A comprehensive knowledge of ALTA/ACSM Land Title surveys, boundary analysis, topographic surveys, easement documents, legal descriptions, final plat preparation and construction staking is required.

Proficiency with AutoCAD Civil 3D, Trimble TGO, TBC and Trimble GPS field equipment is required.

We offer an excellent work environment as well as a competitive benefits package. EOE. Qualified candidate should send a resume to hr@cectexas.com.

ALL FIELD AND OFFICE POSITIONS

TOWN AND COUNTRY SURVEYORS LOCATED IN THE WOODLANDS TX, IS ACCEPTING APPLICATIONS FOR THE FOLLOWING POSITIONS:

SENIOR CAD TECHNICAN
PARTY CHIEF
INSTRUMENT PERSON

TOWN AND COUNTRY SURVEYORS DOES ALL TYPES OF SURVEYING WORK, MOSTLY IN THE HARRIS (HOUSTON) AND MONTGOMERY AREAS. OUT OF TOWN WORK MAY BE REQUIRED.

CONTACT:

DAVID STRAUSS
david@tcsurveying.com
281-465-8730

MICROSTATION TECHNICIAN – Austin, TX

McGray & McGray Land Surveyors, Inc. seeks survey office technician with minimum 3 years experience. Proficiency in Microstation/Geopak REQUIRED. Responsibilities include organization of research for field, reduction of field data and preparation of electronic field base maps, assistance with analysis and preparation of boundary surveys, ROW maps, descriptions, plats and related documents (under RPLS supervision), plotting and assembling of plats, exhibits, etc. TxDOT experience and certification a plus.

- Must pass pre-employment drug screen.
- Benefits include Medical/Dental/Simple IRA.
- Hourly rate commensurate with experience.

Email resume to chrisc@mcgray.com.

RPLS/SIT - Austin, Texas

RPLS/SIT position available with growing company in Austin: Ramsey Land Surveying, L.L.C. has current opportunity for an SIT or RPLS in land development related professional surveying services. Direction and supervision of field crews and office technical staff, and records research and analysis will be required in your job responsibilities. Proficiency in latest release of AUTO CAD Civil 3D is required. Business management, accounting and marketing skills are desired for this position. This company offers an excellent benefit package, great pay and working hours. Please contact Bill Ramsey at mcastillo@rlsurveying.com or call (512) 301-9398 to schedule an interview.

MULTIPLE POSITIONS AVAILABLE - Austin, Texas

RPLS/SIT/Senior CAD Tech - Austin, Texas

Ideal applicants will have 5+ years’ experience as a project manager, researching, assembling and producing topographic and boundary surveys. A comprehensive knowledge of ALTA surveys, boundary analysis, topographic surveys, preparation of easement documents, legal descriptions, final plat preparation, construction staking and the ability to utilize Trimble survey field equipment and software is essential. Proficiency with AutoCAD Civil 3D for design and drafting activities is required. The candidate must have the ability to manage multiple tasks, to coordinate projects, and to interact with other design services.

Senior Party Chief – Austin, Texas

Ideal applicants will have 3 to 5 years’ experience as a survey crew chief, conducting topographic and boundary surveys. Construction staking experience required. Thorough knowledge of Trimble Robotics/GPS survey equipment and Survey Pro/Trimble Access software preferred. Some travel may be required. SIT or ST-track applicants preferred.

To submit your resume, please email to sduarte@4wardls.com.

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MULTIPLE POSITIONS – TEXAS, LOUISIANA, OHIO

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