TSPS Responds to RRC Proposed Rule Changes

(TSPS President Paul Carey has formally requested that the Railroad Commission of Texas hold a public hearing on recent proposed rule changes published in Texas Register November 6, 2015. Formal comments were also submitted to the RRC Rules Coordinator by Bill O’Hara, TSPS Governmental Affairs Committee Chairman. Those comments are reproduced below.)

The Texas Society of Professional Surveyors generally supports the proposed rules changes by the Texas Railroad Commission as published in the November 6, 2015 edition of the Texas Register and greatly appreciates the Commission’s expense of time and effort to prepare these revisions. TSPS desires to direct comments specifically to:

Chapter 3 – Oil and Gas Division
TAC § 386 Horizontal Drainhole Wells
(g) Drilling Applications and Required Reports
(6) All plats required by this subsection shall be prepared using blue or black ink and shall include a certification by a professional land surveyor registered in accordance with Texas Occupations Code, Chapter 1071, relating to land surveyors, or by a registered professional engineer registered in accordance with Texas Occupations Code, Chapter 1011 relating to Professional Engineers.

TSPS is of the opinion that registered professional engineers are not qualified or legally...

"... it is the opinion of TSPS that all plats required by this subsection must be prepared and certified by, and only by, an RPLS."

– Bill O’Hara

Dallas Chapter 5 Lends a Hand to North Lake College

(Dallas Chapter No. 5 recently made a donation to North Lake College (NLC) in support of the Construction Management & Technology Department. Within that department, there are nine survey-related courses that are offered: SRVY 1301 Introduction to Surveying, SRVY 1309 Surveying Measurements, SRVY 1315 Surveying Calculations, SRVY 1335 Land Surveying Applications, SRVY 1341Land

TSPS member Chris Freeman (right) is thanked by Associate Dean Mike Cooley when returning the repaired total station. (Photo by Paula Hutchinson.)

See Proposed Rule Changes, Page 7

See Chapter 5 & NLC, Page 8
Updated SurPAC Contributions/Contributors

Donations to SurPAC in 2015 jumped to $7,700!
Below is an updated list of contributors. Those interested in keeping SurPAC strong can utilize the donation form on the next page.

Charles Benson  
Todd Bridges  
Mark Bryant  
George Buchanan  
Ronald Carroll  
Carlos Cotton  
Mike Davis  
Chris Freeman  
James Freeman  
Jerry Fults  
Jim Gillis  
Edmundo Gonzalez Jr.  
Tim Griffith  
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Paul Keller  
Chuck Lucko  
Henry Mayo  
Elias Moran  
Shane Neally  
Bill & Gina O'Hara  

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Easy Drive, Inc.  
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G&R Surveying, LLC  
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Annual SurPAC Campaign Donation Form

I would like to support SurPAC and its efforts by donating:
(please check one box below)

- 100% of my saved occupation tax - $200.00
- 75% of my saved occupation tax - $150.00
- 50% of my saved occupation tax - $100.00
- 25% of my saved occupation tax - $50.00
- Other amount - $________________________

Please print:
Name: _____________________________________________________________________________
Address: ___________________________________________________________________________
City, State, Zip: _____________________________________________________________________
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Phone Number: _____________________________________________________________________
Amount Enclosed: $ ________________________________________________________________
Do you give TSPS permission to print your name in its publications to recognize you as a SurPAC donor?  ____ YES  ____ No

Please make personal (NOT company) checks payable to SurPAC. Mail the completed form and check to TSPS, 2525 Wallingwood Drive, Suite 300, Austin, Texas 78746.

Thanks for your support!
SATURDAY, FEBRUARY 27
7:00 a.m. – 2:00 p.m.  Registration

8:00 a.m. – 5:00 p.m.
Exploring Texas Boundaries
Speakers: Michael Hoover, RPLS, LSLS, CFM; and David Klotz, RPLS, LSLS
Get ready to explore the origins and unique characteristics of Texas Boundaries. We’ll discuss the critical role of the Texas General Land Office, present methods of “classical” boundary construction for Texas Surveyors and discuss the importance of the “dignity of calls.”
Objectives: By the end of this course students will be able to:
1. Identify and discuss the historical boundaries of Texas.
2. Recognize and discuss what events lead to the present day Texas boundary.
3. Recognize and discuss the disposition of lands from the sovereign.
4. Discuss the importance of the Texas General Land Office records and recognize methods of researching those records.
5. Apply the “dignity of calls” to complete “classical” boundary scenarios.
(8 CEUs, including 3 hrs Ethics; 8 PDHs)
(Attendees MUST attend both AM and PM sessions for CEUs/PDHs)

12:00 Noon – 1:00 p.m.  Lunch On Your Own

1:00 p.m. – 5:00 p.m.
John McMullen Grant
Speaker: Paul Carey, RPLS, LSLS
This presentation will introduce the John McMullen Grant, John McMullen and a few other notorious characters and the cascade of consequences and evidence thereof created throughout the centuries resulting from interpretations, misinterpretations and legal battles surrounding a 1766 deed from the King of Spain to the “Native Indians of the Mission San Jose.”
(4 CEUs; 4 PDHs)

Continued on next page
Continued from previous page

8:00 a.m. – 12:00 p.m.
The Business of a Surveying Business
Speakers: Trisha Lund, RPLS; and Ivy Young
Through lecture and the demonstration of aspects of running a business, students learn and discuss the key elements for impacting a successful surveying firm. The course covers techniques for developing business relationships and identifying and accommodating clients’ needs. Products and services essential in the surveying business will be identified. Methods for determining fees and expenses and managing the administration of a survey business will be presented.

(4 CEUs, includes 3 hrs of Ethics; 4 PDHs)

8:00 a.m. – 12:00 p.m.
Study Group for RPLS Candidates
Speaker: Jason Jernigan, RPLS
Are you a candidate for RPLS or SIT? Then plan to sit in and participate in this study session for RPLS candidates with Jason Jernigan, RPLS. It is suggested attendees bring a scientific calculator and be familiar with its operation. (Paraprofessional)

8:00 a.m. – 12:00 p.m.
Survey Math 101
Speaker: James Redmon, RPLS, LSLS
This course covers the basics of surveying mathematics. The Survey Math 101 seminar is designed to expose individuals to basic surveying math computations. The Survey Math 101 seminar will prepare students for topics covered in the Survey Math 102 seminar and will help prepare them for Level 1 of the NSPS Certified Survey Technician Exam. Basic math computations relating to conventional surveying techniques will be demonstrated and real field survey scenarios will be provided for attendees to solve. By the end of this seminar attendees will be able to: manipulate equations to solve for a missing variable, solve right triangles for the missing elements when given two known elements, derive angles, distances, and new coordinates from given coordinates. It is suggested attendees bring a scientific calculator and be familiar with its operation. (Paraprofessional)

12:00 Noon – 1:00 p.m. Lunch On Your Own

8:00 a.m. – 12:00 p.m.
Survey Math 201
Speaker: Joe Webber, Jr., RPLS
The Survey Math 201 seminar is an intermediate math course designed to assist individuals preparing for advancement within their company; preparing for one of the first three levels of the NSPS Certified Survey Technician Exams; or reviewing their math skills for the SIT Exam. Math computations relating to conventional surveying techniques will be demonstrated and real field survey scenarios provided for attendees to solve. Concepts to be practiced are the ABC’s of Trigonometry, using Law of Sines and Law of Cosines to solve for missing elements of oblique triangles, and using Vertical Angles to determine height. Attendees must have a basic knowledge of calculators, right triangles and algebraic manipulation. Attendees should bring a scientific calculator and be familiar with its operation. (Paraprofessional)

1:00 p.m. – 5:00 p.m.
CST Exam Prep Course
Speaker: James Redmon, RPLS, LSLS
The Certified Surveying Technician (CST) program is a nationally recognized exam and has been endorsed by the Texas Department of Transportation as well as other organizations. This course has helped many individuals prepare and successfully complete the CST exam. (Paraprofessional)

1:00 p.m. – 5:00 p.m.
Survey Math 301
Speaker: Joe Webber, Jr., RPLS
The Survey Math 301 course will demonstrate Advanced Math computations relating to conventional surveying techniques and provide exercises for attendees to solve, which relate to real field survey scenarios. At course’s end, attendees should be able to recognize, compute and analyze errors in field measurements; derive angles, distances and new coordinates from given coordinates; compute elevations along a vertical curve when given two grades, BPT and BPC stations; and calculate elevations at specific points along the vertical curve. Attendees should bring a scientific calculator and be familiar with its operation. (Paraprofessional)

8:00 a.m. – 12:00 p.m.
Business Metrics
Speaker: Patrick Veteto, PE, RPLS
Topics covered include the Classic Business Model- Administration/Operations/Marketing, Salary Cost & Overhead and Rate Determination. We will also cover how to measure performance such as production, effort and efficiency. The target audience is Business Owners, Prospective Owners and those who want to move up or move into management. Our intention is to provide a process of how to compute performance measures, identify critical performance measures and know how to adjust to keep performance measures in balance. We will discuss the Bottom Line: Maintaining a Healthy & Profitable Company, and how to identify methods to measure performance.

(4 CEUs, includes 4 hrs of Rules; 4 PDHs)

Sign up at www.tsps.org
Attendee Information
One form per person. Please print.

Name (first) ______________________   (Badge Name) ____________________    (last) __________________________________
Company __________________________________________________________________________________________________
Address __________________________________________    City ___________________    State ___    Zip __________________
Phone _______________    Email required for confirmation________________________________   RPLS# ______    PE # ______

Registration Fees do not include hotel or meals

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Payment:

□ Check # __________ made payable to TSPS
□ VISA □ MC □ AMX □ DISCOVER

Credit Card Acct # ___________________________ Security Code _____ Exp Date ____________ TOTAL ________________
Name of Cardholder __________________________________________ Card Billing Address __________________________________________
Proposed Rule Changes

authorized to certify by signature and professional seal the plats required in the subsection and respectfully request the words “or by a registered professional engineer registered in accordance with Texas Occupations Code, Chapter 1011 relating to Professional Engineers” be struck from the paragraph.

The proposed changes to § 386 include more than a dozen references to the determination of areas, boundaries, original surveys and mapping as defined above, which are the responsibility of a Registered Professional Land Surveyor (RPLS) as defined in Chapter 1071 of the Texas Occupations Code. All of these works relate to the location of boundaries of real property and other interests in real property such as leases, pooled units, unitized tracts, etc. According to the Texas Occupations Code, Chapter 1011, Subchapter A, General Provisions, Sec. 1001.003. Practice of Engineering, (a), (2) “Engineering Survey” includes any survey activity required to support the sound conception, planning, design, construction, maintenance, or operation of an engineered project. The term does not include the surveying of real property or other activity regulated under Chapter 1071.”

A directional or horizontal survey as defined by the Texas Railroad Commission may be considered an engineering function but it is the relationship of a well bore as determined by that survey to the boundaries of leases, pooled units, unitized tracts, subdivisions, rights of way, parcels of land, and other interests in real property, that is to be depicted on these certified plats. Consequently, it is the opinion of TSPS that all plats required by this subsection must be prepared and certified by, and only by, an RPLS.

Thank you for your consideration.

Sincerely,

Bill O’Hara, RPLS, LSLS
Chairman, TSPS Governmental Affairs Committee
Chapter 5 & NLC

Surveying, SRVY 2305 Geographic Information Systems Applications, SRVY 2331 Geodetic Surveying and Mapping, SRVY 2343 Surveying Legal Principles I and SRVY 2344 Surveying Legal Principles II. In the spring semester of 2016 North Lake College will offer a Land Surveying Certificate, and all of the courses offered will transfer into the four-year program at UT Tyler.

During the course of a class field exercise in the fall, a total station instrument was discovered to not be in good operating condition. The equipment was taken to a repair facility for an estimate for repair. Chapter 5 President Philip Adams decided the Chapter would pay the repair cost to support the NLC survey program since many of the students are employees of TSPS members in both Dallas and Fort Worth. Following the repair and return of the instrument to the College, the Chapter was thanked by the Associate Dean, Mike Cooley, for the Chapter’s support and generous donation.

The current Fall 2015 semester has three survey classes offered. SRVY 1301 has 17 students enrolled, SRVY 1315 has 23 students enrolled, and SRVY 1335 has seven students enrolled. The healthy enrollment reflects a strong local economy in the Dallas/Fort Worth metroplex, and also the need by aspiring survey professionals to have local educational opportunities.

The program at North Lake College has benefited from a strong commitment from Chapters 2 and 5. Each semester, Chapter 5 provides scholarship monies to TSPS members and employees of TSPS members from Chapters 2 and 5. This year, nearly $1,400 was awarded to four students. Scholarship monies are used to cover not only tuition fees, but also text books and calculators. In recent years, the scholarship fund has been entirely funded from proceeds from the annual Chapter 5 golf tournament, which routinely draws nearly 100 participants. Firms who encourage their employees to take the courses end up with a better educated and skilled work force, benefitting the business’ bottom line. Many students enroll needing college level courses to satisfy application requirements for TBPLS certification, and are able to do so while working full-time and taking the courses during the evening.

TSPS Chapter 5 members currently teaching as adjunct faculty for the survey courses include John Pierce, Paul Hubert, Jason Jernigan, Vas Kalogirou, and Chris Freeman.

Calendar of Events

JANUARY

January 30
First TSPS Quarterly Board Meeting
Committee meetings and Chapter Presidents’ Forum in the AM – Board of Directors meeting from 1:00 PM - 5:00 PM.

Austin Marriott North
2600 La Frontera Blvd
Round Rock, Texas 78681
Room Rate – $109
Call 512-733-6767 to make your reservation.

FEBRUARY

February 26-27
TSPS 2016 Symposium
Hosted by TSPS Deep East Texas Chapter 6

The MCM Elegante Hotel & Convention
2355 IH-10 South
 Beaumont, Texas 77705
Room Rate – $92 (Room discount ends February 11)

16 CEUs available for attendees. Two new courses. Five courses specifically designed for the Paraprofessional!

THE SHINE GAMES CHALLENGE
"Run Faster, Jump Higher, Spit Further"

Check out the 2016 Symposium Brochure on pages 4-6 for more details and for a registration form, or register today online at www.tsps.org!

MARCH

March 24-26
2016 Heart of Texas Boundary Retracement Seminar
Instructors include:
• D.G. (Greg) Smyth, RPLS, LSLS
• C.B. (Ben) Thomson, RPLS, LSLS
• Bill O’Hara, RPLS, LSLS
• Davey Edwards, RPLS, LSLS, CFedS

16 CEUs (includes 1 hour Ethics & 2 hours Standards, as approved by TBPLS)

Wulff Cedar Creek Ranch
Farm Road 765
25 miles North of Brady, Texas
Brady, Texas 76825

The Heart of Texas Boundary Retracement at Wulff Cedar Creek Ranch in McCulloch County will be a modern day search for original survey corners. By utilizing county record information, GLO field notes, working sketches and aerial photos, the original surveys can be positioned within a small search area. This area has not been bulldozed, chained or root plowed like many of the ranches in Texas, therefore providing a rare opportunity to find several of the original corners.

The registration fee includes 16 hours of instruction and the materials, “bunkhouse” lodging and meals. Should you wish not to stay in the bunkhouse, but rather find lodging in Brady, you have that option which includes meals. If you need to arrive on Wednesday night or leave on Sunday, you may select those additional nights. Visit the Calendar online at www.tsps.org for more details on this seminar, and register online today to reserve your place. Space is limited!
Chapter 4 President Steven Freeman, II and chapter members, along with Tyler Junior College’s Willace Johnson, introduced Tyler ISD 8th graders to the surveying profession during the "Future is Now" career event Nov. 3. Besides speaking with students and demonstrating the capabilities of instruments and other surveying technology, the surveyors also connected with School Counselor Todd Lawson with the TISD Career & Technology Center. They shared the new TSPS recruitment brochures and posters with Lawson, who later said that he had already hung a poster in the TISD Tech Center’s industrial arts wing. To date, Chapter 4 has delivered a total of seven posters and 175 brochures to independent school districts within the chapter.
Recruitment Campaign posters and brochures are available to the membership for distribution to your local high schools.

Pricing is as follows:

**POSTER PRICING**

- **24” x 36” Poster @ $35 each**
- or
- **12” x 18” Poster @ $1.50 each**

The larger poster certainly leaves more of an impression and is **recommended** for high school counseling offices.

It might be good to do a combination of the two options above using the smaller poster elsewhere.

**11 x 17 TRIFOLD BROCHURE**

- **QTY 100 @ $0.78 each = $78**
- **QTY 250 @ $0.75 each = $187.50**
- **QTY 500 @ $0.72 each = $360**
- **QTY 1,000 @ $0.70 each = $700**

In addition there will be tax and shipping costs. The printer will need about 3 days to print and then another day or two to ship.

Call TSPS at **512-327-7871** to place your order.

TSPS East Texas Chapter 4’s Connor Brown holds a few of the 1,000 Recruitment brochures ordered by his chapter.
FIELD and OFFICE POSITIONS – The Woodlands, Texas

Town and Country Surveyors a Landpoint Company, Houston Office located in the Woodlands Texas is expanding its operations and has the following Full Time Employment positions available, Typical Projects involve Pipeline and Well Location 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- Project Managers (5+ years’ experience)
  (Micro Station is a plus)

We offer a competitive benefit package including holidays, vacation, sick leave, 401K w/match and health, dental, life, and disability insurance.

Send resumes to david@tcsurveying.com (281-465-8730 for inquires).

FIELD PERSONNEL NEEDED

Well established Surveying Firm in the Northeast Fort Worth area seeking experienced Party Chief and Instrument Person for all types of surveying including primarily boundary, topographic surveying and construction staking.

Experience with Carlson Surv CE data collection and Topcon GPS equipment preferred.

Competitive salaries, retirement benefits and health insurance available.

Please respond by sending resumes to dwm@moaksurveyors.com or faxing to (817) 282-0401.

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, & PTO.

Please email resume to rlpcher@lupherllc.com

PROJECT MANAGER/RPLS – Denton, TX

TNP has an opening for an experienced Survey Project Manager or RPLS 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, & 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.

PARTY CHIEF - Fort Worth, Texas

Frontier Surveying Company is expanding and actively seeking a qualified Party Chief for our Fort Worth, Texas office. A minimum of two years’ experience required. Candidate will perform services under the direction of RPLS. Ensure compliance with safety regulations according to industry standards and all Frontier Surveying policies and procedures. Candidate must demonstrate experience and knowledge of field land surveying practices, scanning data, and processing data techniques. Must be willing to travel and work over time as needed. As an established company we offer competitive benefits for full-time employees including: Medical, Dental, Vision, Life, LTD/STD, paid time off, and a 401K.

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

See CLASSIFIEDS, Page 12
SURVEY TECHNICIAN (SIT) / AutoCAD DRAFTSMAN

Colvin Surveying Company, located in Garland, TX - Currently has 1 immediate full-time opening for Survey Technician (SIT)/AutoCAD Draftsman:

This position requires a responsible, dependable and detail oriented individual who is willing to learn. Candidate must have knowledge of AutoCAD 2014/Carlson 2014, experience in land surveying and drafting, ability to read architectural plans, reduce field notes and prepare lots for various stages of construction (i.e. Platted Lot Surveys, Plot Plans, Stakeouts, Form Board Surveys, Final & Drainage Surveys, etc…). Proficiency and accuracy is a must! Please submit resumes with salary requirements to colvin@colvinsurveying.com.

MULTIPLE POSITIONS - Dunaway Associates, L.P.

Dunaway Associates, L.P. is a professional services company with a solid, results-oriented history. The firm provides civil engineering, structural engineering, planning, landscape architecture, environmental services, traffic and parking engineering, hydraulics/hydrology, and land surveying services to a wide variety of public and private clients. Dunaway has a 50-year history of offering a high level of client service and responsiveness and currently has 4 offices in Texas: Austin, Fort Worth, Midland and Prosper. Visit our website at http://dunawayassociates.com/ for more in-depth information.

Survey Project Manager – Midland, Texas Office

Reports to: Director of Survey Services

Responsibilities
Direct and manage all aspects of assigned projects with regard to the practice of any/all types of Professional Land Surveying; act as the primary administrator and communications link between the firm and client as well as between the survey department and other internal Dunaway department to ensure successful completion of the project in compliance with all contractual provisions and timeframe/budget limitations

Education
• Bachelor’s Degree in project discipline or eight years of direct experience as equivalent
• With degree, at least five years related experience in the discipline of Professional Land Surveying
• At least three years prior project management experience
• Prior experience managing other employees

Technical Knowledge, Skills, and Abilities
• In-depth knowledge of the discipline of Professional Land Surveying
• Solid knowledge of and proficiency with MS Office
• Knowledge of and abilities with AutoCAD Civil 3D
• Knowledge of and ability to estimate costs associated with technical tasks
• Solid understanding of project requirements
• Firm understanding of project financial performance metrics

Soft/Other Skills
• Ability to effectively and productively manage, lead, and motivate a team of different levels of employees
• Ability to manage multiple projects and project teams successfully
• Excellent verbal and written communication and interpersonal skills
• Ability to make timely decisions independently through sound judgment for the betterment of all team members and the firm
• Effective problem solving skills
• Ability to make effective formal verbal and written presentations to clients and all levels of employees, including management
• Strong negotiation skills

Preferred Qualifications
• Bachelor’s Degree in Geomatics or other Geosciences
• Licensed as a Registered Professional Land Surveyor (RPLS) in the state of Texas
• Prior business development experience
• Working knowledge of AutoCAD and/or Microstation software

To apply for this position, please complete an application. You will be instructed to email both the application and your resume with salary requirements back to jobs@dunaway-assoc.com.

We are currently looking for a Survey Technician(s) to work in our Midland & Fort Worth Survey Department. Details of the job are listed below:

Survey Technician(s) – Midland, Texas & Fort Worth, Texas Office

Reports to: Director of Survey Services

Responsibilities
Assists Survey Project Manager in application of principles, methods and techniques of land surveying duties and drafts detailed drawings, to include boundary, right-of-way, and topographical surveys, profiles, cross sections, subdivision plats, property exhibits and other similar types of drawings and maps to be used for transfer of real property, planning, development, and design of civil engineering projects; also cross-functionally performs field survey work as needed

Education
• High school diploma or GED
• At least Level II Survey Technician Certification (CST)
• At least one – two years survey Party Chief experience
• Two years computer-aided drafting experience, specifically with Civil 3D software

Technical Knowledge, Skills, and Abilities
• Solid knowledge of surveying principals and methods
• Understanding of use of required surveying equipment
• Understanding of and proficiency with mid-level math skills
• Solid knowledge of proper retracement of land boundaries
• Familiarity with state plane coordinates systems and geodetic calculations
Classified Ads

- Solid documentation skills (boundary analysis and decisions)
- Proficiency with AutoCAD Civil 3D, Trimble Business Center software, and MS Office (Word, Excel)

Soft/Other Skills

- Complete multiple assignments successfully through effective multi-tasking and prioritizing
- High attention to detail
- Excellent communication and interpersonal skills
- Effective problem solving/analytical skills
- Ability to work with a team or independently as needed
- Ability to meet “Physical Demands” section of this document, specifically with regard to cross-functional assignments.

Preferred Qualifications

- Two plus years’ experience as a Party Chief
- Surveyor in Training (SIT) certification

To apply for this job, please go to the “Careers” tab on our website (http://dunawayassociates.com/) and complete an application. You will be instructed to email both the application and your resume with salary requirements back to jobs@dunaway-assoc.com.

Thank you!

MULTIPLE POSITIONS - MULTIPLE LOCATIONS

Halff Associates is currently seeking qualified personnel to fill our openings in Austin, Richardson, Fort Worth and Midland, TX.

In our Austin, Midland and Richardson, TX offices. We are looking for a Survey Technician with 1+ years of experience in reducing field observations of GPS and Conventional, and preparing boundary sketches for the field crews.

Austin position: https://careers-halff.icims.com/jobs/1443/survey-technician/job
Midland position: https://careers-halff.icims.com/jobs/1405/survey-technician/job
Richardson position: https://careers-halff.icims.com/jobs/1414/survey-technician/job

We are also seeking an experiences Instrument Operator with 2-3 years of experience in topographic surveys, ALTA and boundary surveys, and some construction staking experience to join our Fort Worth, TX office.

Fort Worth position: https://careers-halff.icims.com/jobs/1429/survey--instrument-operator/job

Midland, TX is seeking a Rodman to work with an experienced Party Chief. This is an entry level position for anyone looking for their start in outdoor surveying.

https://careers-halff.icims.com/jobs/1448/survey---rodman/job

SURVEYING TECHNICIAN

Hourly

ESSENTIAL DUTIES:

1. Assist in performing boundary surveys, construction surveys, topographic and improvements surveys
2. Assemble field data, reduce field notes, process data collection files and complete survey calculations and boundary determinations for design surveys, horizontal and vertical networks for GPS, topographic surveys, boundary and land surveys, subdivisions, ALTA/ACSM surveys and quality control surveys.
3. Use instruments including levels, total stations, and GPS equipment; establish horizontal and vertical control networks for aerial surveys, ground control and quality control.

See CLASSIFIEDS, Page 14
4. Performs advanced field calculations when requested, including closing and adjusting traverses and level loops.
5. Aid with measurements that determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, construction, and other purposes that meet the achievement of goals, objectives and profitability at Pettigrew & Associates.

**REQUIRED EXPERIENCE and TRAINING:**

1. Must possess a current, valid driver's license and an acceptable driving record and obtain a DOT Medical Examiners Certificate.
2. Education High School or equivalent, no experience required.
3. An equivalent combination of experience, education and training which provides the desired knowledge, skills, and abilities.

All other requirements for employment with Pettigrew will apply.

Email resumes to emartinez@pettigrew.us.

**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 crew, including the essential functions 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. Oversees and monitors 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.

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**SURVEY SALES SPECIALIST**

**Job Description**

GeoShack is growing and we are looking to hire a talented Survey Sales Specialist in our Houston Market, who enjoys a challenging, fast-paced environment that’s both competitive and rewarding. GeoShack is a leading distributor of leveling, alignment, measurement, guidance and grade control solutions to the Construction, Survey, Machine Control and Agricultural markets in North America. We provide our customers a “total solution” of quality products and services to meet their needs.

The Survey Sales Specialist position requires a working knowledge of the local survey market with 2-5 years of a proven sales track record and the ability to develop relationships with customers and provide them with real, effective solutions. You will be responsible for prospecting and identifying potential opportunities and closing high value deals with surveying and engineering firms, and governmental entities in a dedicated sales territory. You will be selling Topcon GPS, surveying instruments and robotic total stations.

The successful candidate will possess:

- Minimum 2-5 years sales experience.
- Exceptional organizational and communication skills
- Strong achievement drive
- Must be computer literate
- Knowledge of survey, engineering and/or governmental markets preferred
- Willingness to learn about the products we sell.
- Positive, sales-oriented personality.
- Business-like, professional appearance.
- Prefer Bachelor’s Degree or equivalent.

**Benefits:**

- Competitive Salary with commissions
- Vehicle Allowance
- Travel expenses covered
- Medical, Dental and Vision Insurance
- 401(k) Retirement plan with company match
- Employer paid Life Insurance, and Short and Long-term Disability
- Paid Time Off and Holiday Pay
- Laptop Computer and Cell Phone

If interested, please apply online at geoshack.com/careers.

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**INSTRUMENT OPERATOR - Dallas, Texas**

Dallas A/E office has an immediate opening for a hard-working, dependable Instrument Operator.

**Job Description:**

- Will be required to operate all survey instruments and data collectors as necessary.
Classified Ads

Continued from page 14

- Assist the Party Chief in all aspects of survey assignments.
- Make functional level and traverse field notes.
- Assist Party Chief in making minor calculations for offsets, grades, closures, etc.
- Make sure that all instruments receive scheduled maintenance and are kept clean and in good working order.
- Must have valid drivers’ license.
- This position will require candidate to work outside in the field.
- Experience preferred but not necessary.

We offer a competitive benefit & compensation package, including medical, dental, vision, life, & long/short term disability plans & two retirement plans: a 401(k) & an ESOP.

Please apply online at: https://external-huitt-zollars.icims.com or contact Rosie Jimenez (214) 871-3311 or email resume to rjimenez@huitt-zollars.com

Job ID No: D206

Huitt-Zollars is an equal opportunity employer, dedicated to a policy of non-discrimination in employment on any basis including race, color, age, sex, sexual orientation, gender identity, religion, national origin or any other legally protected status. Consistent with the Americans with Disabilities Act, the company will make reasonable accommodations to assist in the application process upon the request of an applicant. No question on this application is intended to secure information to be used for discriminatory purposes.

This contractor and subcontractor shall abide by the requirements of 41 CFR 60-741.5(a) and 60-300.5(a). These regulations prohibit discrimination against qualified individuals on the basis of protected veteran status or disability, and require affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans and individuals with disabilities.

SURVEY DRAFTSMAN

The survey draftsman needs to possess knowledge of field procedures, be familiar with processing of field data, and able to apply knowledge and experience using AutoCAD Civil 3D and Carlson Software.

TYPICAL DUTIES:

- Assist with Deed research
- Prepare Working sketches
- Plat/Map creation
- Review of field notes

EDUCATION/EXPERIENCE:

Associates degree or equivalency in drafting/design preferred. Minimum of 1-3 years of experience

SKILLS AND SPECIAL REQUIREMENTS:

Strong organizational skills
Excellent verbal and written communication skills
Attention to detail

Ability to solve problems
Work with limited supervision
Multi-task in an environment of deadlines and changing priorities

Submit your cover letter and résumé to: hr@gessnerengineering.com.

INSTRUMENT OPERATOR / SURVEY CREW CHIEF

CRIADO has an immediate full-time opening for a Survey Instrument Operator, assisting in the daily surveying activities under the supervision of a Crew 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 CREW CHIEF

CRIADO has an immediate full-time opening for a Survey Crew Chief. Position requires 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.

SENIOR SURVEY TECHNICIAN - Dallas, Texas

Nathan D. Maier Consulting Engineers – Dallas, Texas

Required duties include processing field notes and field data files, preparation of topographic surveys, preparation of deed sketches, boundary surveys including metes & bounds descriptions, as-built surveys, right of way maps, project base maps, coordination with field crews, office personnel and clients. At minimum, AutoCad, MS Word and Excel are required. Knowledge of MicroStation a plus.

Prior field experience and SIT certification preferable but not required. Must be drug free and possess a strong work ethic.

We offer a competitive benefit package including holidays, vacation, sick leave, 401K w/match and health, dental, life, and disability insurance.

Send resumes to jmelton@ndmce.com

INSTRUMENT TECHNICIAN/PARTY CHIEF

Brown & Gay Engineers, Inc. is an engineering consulting firm based out of Houston, Texas that provides services in civil engineering, public works, public infrastructure, private development, environmental sciences, industrial development, land planning, construction services and surveying in Texas.

See CLASSIFIEDS, Page 16
Classified Ads

Currently seeking to fill the positions below within our Austin, Frisco, and Houston offices.

Instrumental Technician

- Set up and red survey instruments for measurement
- Assists Party Chief as needed

Party Chief

- Direct and coordinate field work for a variety of surveys
- Direct and train field surveyors in the use and application of tools and software

Competitive salaries, comprehensive benefits and a great work environment are offered.
Please visit our website at https://browngay.hua.hrsmart.com/hr/ats/JobSearch/index to learn more about the opportunities and to apply.

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.

DRAFTING TECHNICIAN - Fort Worth, Texas

Land Surveying Firm seeking experienced Drafting Technician for full time employment in Fort Worth, TX. Must have 2 years related technical or college training in drafting, Computer Aided Design, engineering technology, surveying boundary analysis or closely related field or combination experience and education, oil & gas surveying a plus. Must successfully pass drug screening. Competitive salary, bonuses, paid time off and holidays, medical, dental, life, short term disability and 401k. Must be self-motivated and able to work in a fast paced environment. Send resume by fax to 817-447-7554 or email fwadmin@topographic.com. EEO/Drug Free Work Place

REGISTERED PROFESSIONAL LAND SURVEYOR

Full Time

Houston, TX

C&C Technologies, an Oceaneering International Company, has an immediate opening for a Registered Professional Land Surveyor. Experience in performing surveying and mapping duties for oil & gas and/or pipeline, and Hydrographic related projects required. Registrants with experience in offshore Oil and Gas Marine Construction Surveying preferred. Researches records, processes data, and creates details, plats, and reports for both internal associates and clients. Will also be responsible for the management and technical aspects of the project, for providing technical assistance to assure the project will be carried out in accordance with the proposal/contract terms.

This position requires travel to: visit clients, tour project sites, other office locations and visit other field locations. To perform this job successfully, an individual should have knowledge of Design/CAD software. GIS Internet software.

Basic Criteria: R.P.L.S. registration in TX required.

Please visit www.oceaneering.com to apply

LAND SURVEYOR I & LAND SURVEYOR II - Texas GLO


For additional information, please visit http://www.glo.texas.gov/the-glo/jobs/listings/index.cfm

Post a Classified

Classified ads are billed at $1.25 per word/$25.00 minimum charge. Ads are posted to the Web site immediately and inserted in next available publication. (Copy deadline - 15th of the month preceding publication.) All classified ads must be prepaid.

Submit text of ad and payment information via email to DougL@tsps.org.

1. If the ad is "Web Only", the ad cost is still calculated according to the publication insertion rate of $1.25 per word.
2. Publisher’s limits of liability in event of error: Correct ad will be published once. Account will be billed and credit issued.
3. The Texas Surveyor magazine and Metes and Bounds newsletter (electronic) are published bimonthly as follows:

The Texas Surveyor - Jan/March/May/July/Sept/Nov
Metes & Bounds - Feb/April/June/August/Oct/Dec

Payment may be made with check or credit card (MC/VISA/AMEX/Discover). Call with card info to 512-327-7871. Make checks payable to TSPS and mail to:

The Texas Society of Professional Surveyors
Attn: Classified Ads
2525 Wallingwood Dr., Ste 300
Austin, TX 78746

Questions? email DougL@tsps.org