



# IRWA CHAPTER 6 MILE HIGH NEWSLETTER

NOVEMBER 2015 NEWSLETTER

IN THIS ISSUE

### Dinner Program

Park Hill Golf Course  
4141 E. 35th Ave, Denver, CO  
80207

**Tuesday, November 10, 2015**

Board Meeting 5:00 PM

Cocktails: 6:00 PM

Lunch 6:30 PM / Program 7:30  
PM (approx.)

### FOR RESERVATIONS

### CONTACT:

**Nicole Eberhard at**

[Nicole.R.Eberhard@xcelenerg.com](mailto:Nicole.R.Eberhard@xcelenerg.com)

**By Friday, November 6, 2015**



President's Message .....P. 3

Dinner Program.....P. 4

Welcome New Members..... P. 5

Job Openings..... P. 6

Upcoming IRWA Courses..... P. 9

2016 Annual Conference.....P.9

IRWA Award.....P.10

CDOT ROW Training Event with  
Consulting Agents.....P.11

Oil and Gas Right of Way  
Acquisition: A Field Services  
Perspective .....P.12

## 2015-2015 COMMITTEE

## 2015-2015 OFFICERS

**President**

Tony Pollack, SR/WA, PLS  
Stanley Consultants  
(303) 925-835

[pollacktony@stanleygroup.com](mailto:pollacktony@stanleygroup.com)

**Vice President**

Evan Randall  
Holland & Hart, LLP  
(303) 295-6165

[elrandall@hollandhart.com](mailto:elrandall@hollandhart.com)

**Treasurer**

Jeffrey Hanna  
City of Aurora  
(303) 739-7327

[jhanna@aurora.gov.org](mailto:jhanna@aurora.gov.org)

**Secretary**

Jacob S. Frisch

[jfrisch@petro-fs.com](mailto:jfrisch@petro-fs.com)

**1 year director**

Fred Easton Jr.,  
PLS Farnsworth Group,  
Inc.  
(303) 947-9983

[feaston@f-w.com](mailto:feaston@f-w.com)

**2 year director**

Tony Pollack, SR/WA, PLS  
Stanley Consultants  
(303) 925-835

[pollacktony@stanleygroup.com](mailto:pollacktony@stanleygroup.com)

**Education**

Jon Vaughan, MAI, SR/WA  
910 54th Avenue, Suite 210  
Greeley, Colorado 80634  
(970) 352-1117

[jon@fosterval.com](mailto:jon@fosterval.com)

**Budget & finance**

Jeffrey Hanna  
City of Aurora  
(303) 739-7327

[jhanna@aurora.gov.org](mailto:jhanna@aurora.gov.org)

**Legislative review**

Evan Randall  
Holland & Hart, LLP  
(303) 295-6165

[elrandall@hollandhart.com](mailto:elrandall@hollandhart.com)

**Professional development**

Al Morganfield, SR/WA  
(303) 571-3115  
(303) 506-9981

[al.morganfield@excelenergy.com](mailto:al.morganfield@excelenergy.com)

Jim Struble, SR/WA  
(970) 622-2243

[jstruble@ncwcd.org](mailto:jstruble@ncwcd.org)

**Programs**

Evan Randall  
Holland & Hart, LLP  
(303) 295-6165

[elrandall@hollandhart.com](mailto:elrandall@hollandhart.com)

**Public relations**

Doug Nitzkorski, SR/WA  
(303) 789-1515

[doug@avcvalue.com](mailto:doug@avcvalue.com)

**Local Public Agencies**

Lyman Ho  
(303) 596-0890

[lymanrho@icloud.com](mailto:lymanrho@icloud.com)

**Bylaws**

J Parker, SR/WA  
(303) 623-6112

[jparker@hcpeck.com](mailto:jparker@hcpeck.com)

**Membership**

Virginia Messick, SR/WA  
(303) 623-4908

**Valuation**

Charles Nelson  
(303) 292-0348

**Pipeline**

Tim Atwater  
(303)243-3578

**Relocation**

Charlene Burge, SR/WA  
Universal Field Services  
(303) 513-1501

**Environment**

Darrel Vanhooser, SR/WA  
Vanhooser Consulting, LLC  
(303) 875- 4768

**Transportation  
TDB****Nominations  
TDB****Survey**

Fred Easton Jr, PLS  
Farnsworth Group  
(303)692-8838

**Newsletter**

Christine Rees  
Colorado Department of  
Transportation.  
(303) 757-9836

[Christine.Rees@state.co.us](mailto:Christine.Rees@state.co.us)

# President Tony Pollack's Message



Tony Pollack, President

Fall is in the air and snow is in the mountains! Must be time to dust off those skis and break out the snow tires! This also means it's time to mark your calendars for the annual Chapter 6 Christmas Banquet on Tuesday December 8th at Park Hill Golf Club. Last year we broke an attendance record with 102 people. Let's see if we can beat that this year. Bring spouses, dates, colleagues and friends. It's always a great time every year.

Don't forget to sign up for one of our upcoming educational sessions. Our last course for this year is Course 207 - Practical Negotiations for US Federal Land Acquisitions - November 5-6, Taught by Faith Roland at HC Peck Offices.

Upcoming courses for 2016 will be Course 200 - Principles of Real

Estate Negotiations - February 9-10, and Course 219 - Introduction to Presentation, Instruction, and Facilitation - February 11-12, 2016, Taught by Carol Brooks at H.C. Peck Offices.

Included will be the SR/WA Review Course on March 23. You don't need to wait until you have finished your other course work to take this class. If you've been working in Right-of-Way and you would like to earn your SR/WA designation, this class will prepare you very well for the comprehensive exam. Don't forget, you need to declare your SR/WA candidacy ASAP so that you can register for this class.

Thanks to Lee Hamre, SR/WA, R/W-RAC, R/W URAC from H.C. Peck & Associates for giving us last month's presentation on IRWA Credentialing Pathways and her experience.

We've had eight members get credentialed and obtain their RWA, RWP and SR/WA in 2015 and I wanted to recognize and congratulate each of them on their efforts. Their names and certifications have been listed in our announcements section below. It's nice to see so many members working towards an IRWA certification.

I want to thank Christine Rees from CDOT for including Chapter 6 at the CDOT ROW Training Event. Chapter 6 was invited to have a table at the event that included information on our upcoming courses and the SR/WA

pathways credentialing program. Many of our members volunteered their time to work the table over the three day event and spread the good word about the IRWA. One day of the event was dedicated to opening the door to the ROW Consultant community to get better acquainted with CDOT's ROW program and staff members. I attended as a consultant and must say was quite impressed. It was well thought out, organized and offered great networking opportunities. Thanks to everyone who helped out.

The chapter will be amending its bylaws as there are many items that are out of date and need to be cleaned up. The board will be meeting on November 17 to start this process. The whole chapter will be notified of the amendments and asked for input. We will keep you posted.

I'm sure all of you have received your dues renewal forms for next year's IRWA Membership. I hope that all of you enjoy the benefits of being a member of this great organization and will get them renewed as soon as possible.

Hope to see you all at next month's dinner meeting.

# November Dinner Program: On the Road with the Oil and Gas Industry: Douglas Chinn to Share Pipeline Survey Processes



Douglas Chinn, RPLS, PLS,

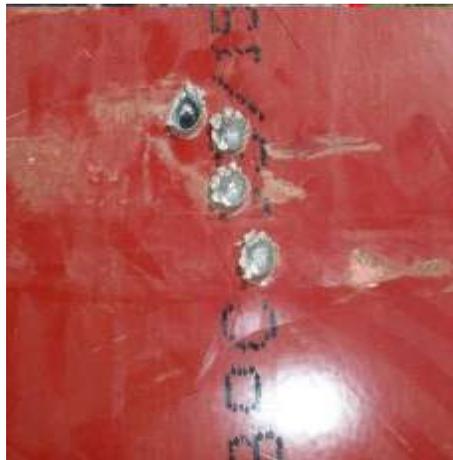
Douglas W. Chinn is a Senior Project Manager at Acklam, Inc.

Mr. Chinn has over 25 years of professional land, pipeline and construction surveying experience, including major pipelines, electric transmission lines, boundaries, topography, subdivisions, and a wide variety of infrastructure projects. He is experienced in federal, municipal, industrial, commercial and residential projects, including highways, bridges, and many areas of land development. Mr. Chinn is licensed to practice Professional Land Surveying in Texas, Colorado, Illinois, Arkansas, Montana, Wyoming and Kansas.

Mr. Chinn's presentation will focus on the survey process for

pipeline projects. It will discuss what may be needed for pipelines from both the survey and legal perspectives. This presentation will also provide recommendations to address common survey problems.

In addition to the survey process overview, Mr. Chinn has also agreed to also share a few stories from his 25 years in the business.



Told in mostly Mr. Chinn's own words, here is what this picture tells us: *Several years ago on a huge pipeline project that began in Meeker, Colorado and eventually terminated in Clarendon, Ohio, Mr. Chinn was part of a brave and hardy performing as-built surveying on a 42" pipeline. This project in lonely, southern Wyoming had the crew watching the horizon for locals with time on their hands and mischief (and more) in their eyes. Steadily surveying by*

*day and holing up in a secure quarters by night...*



*And one morning when the crew arrived at the worksite, they came upon some mighty unfriendly calling cards.*

*At first, everything on the job site looked as the crew had left it the evening before. There was an exposed 6,000-foot section of 42" welded pipe that was ready to be lowered into the ditch.*

*Then the rising sun caught on fresh, silver welts in the red pipe. It appeared that one especially feisty property owner left rude comments in the form of bullets holes in The unlucky sections of pipe left exposed to the night marauders had been on skids awaiting final inspection - final inspection that they were now doomed to fail.*

*Later, when reinforcements (well, maybe they were inspectors) arrived, the local Sheriff was called to the scene.*



He and Flash took off - they had some pretty strong suspicions about where to find the bad guy. The Sheriff brought the perpetrator to justice. A stiff fine, and payment sufficient to remove and replace the 6-foot section of 42" pipe was the County Court's punishment.

Ballistics experts (the Sheriff, not Flash) think the bullets were fired from more than 100 yards away. One of the bullets actually pierced the 1/2" thick pipe.

Mr. Chinn recommends good relationships with as many of the affected and neighboring land owner as possible for the duration of a pipeline projects.

Interior of pierced pipe

## Pictures from the October IRWA Dinner Meeting



# Announcements

## Welcome New Members

Emily Hone  
[honeemily@stanleygroup.com](mailto:honeemily@stanleygroup.com)

Brian Flockhart  
[bflockhart@northernwater.org](mailto:bflockhart@northernwater.org)

Richard McKee  
[Richard.mckee@wyo.gov](mailto:Richard.mckee@wyo.gov)

## Credentials Earned

Michael E Gilchrist, R/W-NAC  
 Kathy A Rotello, RWA  
 Travis Fischer, RWP  
 Kevin Lebeda, RWP  
 Crystal Sanchez, RWP  
 Robert Taylor, RWP  
 Dana Wood, RWP  
 Joseph J Gallik, SR/WA

## Retirement

### Charlene Endsley-Burge



Charlene Endsley-Burge, MBA, SR/WA, R/W-RAC, R/W-NAC retired from Universal Field Services Inc. on July 1, 2015 after 11 years of service. Charlene has been in the right of way profession for 50 years.

She retired from Coates Field Service after 9 years of service

and Oklahoma Department of Transportation after 30 years of

service.

Charlene has been a member of the IRWA for 31 years & has served on the International Transportation Committee, International Asset Management Committee and International Relocation Committee. She is currently serving on the International Relocation Community of Practice. She was President of the Oklahoma IRWA Chapter 36 & received the Chapter 36 Right of way Professional of the Year Award in 1991.

In 2009 she was the recipient of the Chapter 6 Helen C Peck/Frances Reisbeck Memorial Award - Commitment of Excellence. Charlene plans to continue to serve as an active member of the IRWA & Chapter 6.

Charlene is also widely known and appreciated for her top-notch cookie baking. Many an IRWA event has been made more enjoyable by a tray of Charlene's delicious cookies.



Penny Clemons, Tawana Kelly and Charlene at the CDOT Training Event

## Job Openings

### HDR, Inc.

#### Senior Real Estate Services Agent

HDR has partnered with clients to shape communities and push the boundaries of what's possible since 1917. We specialize in engineering, architecture, environmental and construction services.

With nearly 10,000 employees in more than 225 locations around the world, we think global and act local. The experienced Real Estate Services Agent should be fully functional to negotiate the acquisition of any kind of property interests needed for construction projects, and relocating persons and businesses displaced by some of these acquisitions. The position coordinates and assists with management of right-of-way acquisition and relocation for large and complex right of way acquisition and relocation projects with limited supervision. Often works in a team environment with design engineers in support of construction projects. Ensures all right-of-way acquisition and relocation activities are appropriately completed within project schedules. Responsible for compliance with all local, state and federal laws and regulations. Specific experience acquiring land for Federal Aid projects and acquisition/relocation under the Uniform Act required. Primary office location will be the Denver area, but must be willing to travel as required.

#### Qualifications

- Bachelor's degree or equivalent experience preferred.
- 10+ years of experience with right-of-way, title, utility,

relocation, property management or other industry areas is preferred.

- Candidates with Department of Transportation (DOT) ROW experience is preferred. Experience and relationships within Colorado a plus.
- 2-3 years of acquisition and relocation experience under the Uniform Act is preferred.
- Position requires ability to develop and maintain excellent relationships with clients, strong communication and presentation skills, proven ability to deal effectively with property owners on highway and transit projects, and the ability to work with Junior staff and residential and commercial property owners.
- Proficient with standard technology tools such as: MS Office, Excel, and Projectwise. Database and GIS familiarity a plus.
- Have the knowledge and ability to review and understand real estate documents including title, appraisal, environmental and survey.
- Additional technical skills a plus.

#### **Primary Location**

: United States-Colorado-Denver

#### **Industry**

: Real Estate Services

#### **Schedule**

: Full-time

#### **Employee Status**

: Regular

**BusinessClass:** Real Estate and Right of Way - 066

#### **Job Posting**

: Sep 18, 2015, 9:29:06 AM

<https://hdr.taleo.net/careersection/n/jobdetail.ftl?job=140360&lang=en>

#### **Real Estate Services Agent - (140362)**

##### **Description**

HDR has partnered with clients to shape communities and push the boundaries of what's possible since 1917. We specialize in engineering, architecture, environmental and construction services.

With nearly 10,000 employees in more than 225 locations around the world, we think global and act local. The goal for the Real Estate Services Agent is to learn the skills, through training and experience, to competently negotiate the acquisition of property interests needed for construction projects, and relocating persons and businesses displaced by some of these acquisitions, in compliance with regulatory requirements. The ideal candidate will have strong interpersonal skills and a willingness to learn. The initial responsibilities of this position will be to perform entry level technical services for right of way projects including research, tracking project status through spreadsheets, document preparation and administrative support, as needed. As the knowledge and experience of this candidate grows, responsibilities will expand to include title review, negotiation for parcels, conducting closings, and providing relocation assistance under the Uniform Act. The primary office location will be in the Denver area, but the candidate must be willing to travel statewide as required.

This role requires attention to detail and organization as well as exceptional communication skills. Some industry experience title, utility, property management or as a real estate or right of way agent, is required. Experience in any of these areas above the minimum requirements is

beneficial. This role will include training in job appropriate aspects of the right of way industry and is a great opportunity for individuals who are excited about pursuing a career in this field.

##### **Qualifications**

- Bachelor's degree or equivalent experience preferred.
- 2+ years of experience with right of way, title, utility, relocation, or property management is preferred.
- Excellent communication skills, basic understanding of negotiation and presentation skills, and the ability to work effectively with people of all types.
- Must have strong interpersonal skills and must be solution oriented.
- Must be familiar with federal and state laws and regulations and understand that specific industry regulatory knowledge may be required.
- Must have the ability to understand real estate documents such as title, appraisal, environmental, and surveys.
- Proficient with standard technology such as: MS Office, Excel and Project. Database and GIS familiarity a plus.

#### **Primary Location**

: United States-Colorado-Denver

#### **Industry**

: Real Estate Services

#### **Schedule**

: Full-time

#### **Employee Status**

: Regular

**BusinessClass:** Real Estate and Right of Way - 066

#### **Job Posting**

: Sep 18, 2015, 9:28:01 AM

<https://hdr.taleo.net/careersection/jobdetail.ftl?job=140362&lang=en>

## **Stanley Consulting, Inc.**

### **Acquisition Agent**

Stanley Consultants is a consulting engineering firm recognized in the engineering industry for our commitment to client service and our passion to make a difference. With a focus on energy, water, transportation and the environment, we bring global knowledge, a century of experience, and multidisciplinary capabilities to serve our private and public clients.

The selected Acquisition Agent will perform research, document preparation and acquisitions of property rights and permits necessary to support electric utility and transportation projects. The Agent typically works under minimal supervision and should be able to complete all aspects of moderate to complex right of way projects from start to finish.

### **Main Responsibilities:**

- Meets with the land owners, their representatives and government agencies to explain purpose of projects and to negotiate the acquisition of land rights.
- Prepares applications and obtains permits from federal, state and local government agencies pertaining to electric utility facilities, including conditional use, location and extent, variances, DOT, railroad and floodplain permits.

- Represent clients at state and local regulatory and land management agencies, boards, planning commissions and councils regarding land rights related activities for the project.
- Researches property records online and at local public agencies to determine record ownership, chain of title and reveal other interests of record that may affect interests being acquired.
- Prepares market analyses to determine real estate values and calculations of just compensation for required land rights. Prepares and maintains acquisition cost estimates and payments made.

### **Required Skills, Background and Experience:**

- Minimum of 5 years right-of-way acquisition experience pertaining to transportation projects.
- Willing to travel up to 25%.
- Excellent ability to communicate effectively with the public, clients, and project team.
- Interpret legal descriptions, construction and/or right of way drawings, and assessor maps.

### **Preferred Skills and Experience:**

- Adherence to the CDOT ROW Manual and Experience working on CDOT projects or at a minimum other state

departments of transportation the Uniform Act.

- Experience pertaining to the permitting, construction and operation of electric transmission lines, distribution lines and substations.
- Bachelor's degree in Real Estate or related field.
- Education pertaining to communications, negotiating and any courses offered by the International Right of Way Association.
- Knowledge of AutoCAD and/or, Esri/ArcGIS.

## Upcoming IRWA Courses

by Jon Vaughn - Education Chair

I have the following courses on the schedule:

### 2015 Courses

Course 207 - Practical Negotiations for US Federal Land Acquisitions - November 5-6, Taught by Faith Roland at HC Peck Offices

### 2016 Courses

Course 200 - Principles of Real Estate Negotiations - February 9-10, 2016, Taught by Carol Brooks at HC Peck Offices

Course 219 - Introduction to Presentation, Instruction, and Facilitation - February 11-12, 2016, Taught by Carol Brooks at HC Peck Offices

SR/WA Review Course and Comprehensive Exam - March 2016, Guided by Al Morganfield and his phenomenal team of subject matter experts

If there is a course you would like to see on the 2016 schedule, please e-mail me at [jon@fosterval.com](mailto:jon@fosterval.com).

## Chapter 6 Donates to Education Fund

In a September letter to Chapter 6 President Tony Pollack, Carol Croft, President and Trustee of IRWA's Right of Way International Education Foundation, recognized Chapter 6 for a donation of \$500 to the Right of Way International Foundation.



## The 2016 IRWA Conference will be in Nashville, Tennessee

### Only 8 Months Away!

How did your "Trip Request" memo work out? It's not too late to try again! Maybe try the "Great Value for Your Time and Money" tactic. You have to do a little homework before approaching your boss. Let's call your place of your the "Agency" whether you are in a private or public employment situation,

It works like this. In an surprised, cheerful voice say: "Boss, I am saving our Agency time because I learned how to \_\_\_\_\_ (fill in the blank with something you learned at the CDOT training event last month)." Your boss will be pleased, as the CDOT training event was only one day and the knowledge will last a lifetime.

Then, say, in a more serious, collegial tone: "Boss I am saving our Agency money, because now I can \_\_\_\_\_ (fill in the blank with something else you learned at the CDOT training event last month)." Your boss will again be pleased, as the CDOT training event was free (unless your boss was a sponsor, then it was only sort of free).

Now here comes the clincher! Finally, say, with enthusiasm and a touch of fervor: "Boss, just think of how much time and money I could save our Agency if you would send me to the IRWA Annual Conference in Nashville! The IRWA Conference lasts almost a week and the cost to the firm is small compared to how quickly I grasp and apply new and better ways to do my right of way tasks!"

If you are now on-line registering with IRWA and the conference hotel while clutching your Agency's P-card, you can thank me at the conference.

If you are now standing facing your Boss's closed door, we'll pick this up next month. Still 8 months to go - hang in there.



c

# REGION NEWS



## City Of Aurora Wins IRWA Employer of the Year Award



*Darren Akrie, Lyle York, Joani Cravens, Jeff Hanna, and Maurice Brooks.*

# HQ Right of Way Program Hosts Annual All-ROW Staff Training Event with Consultant Agents



*Brian Pedersen, Tony Pollack and Wayne Trujillo*

CDOT's Headquarters Right of Way (ROW) Program and five generous Right of Way firms hosted an all-day training event for all of CDOT's right of way specialty staff, plus approximately 50 agent consultants and another 13 guest trainers, at the Doubletree Hotel in Aurora on October 21st. The co-sponsoring firms were: HDR Inc., TRS, Inc., Western States Land Services, Inc., H.C. Peck and Associates, Inc. and Atkins North America. Additional CDOT-staff training was conducted at the hotel on the half days preceding and following the CDOT-agent day training event.

The event fulfills a requirement of the FHWA-CDOT Stewardship Agreement, which calls for

CDOT's Right of Way Program to provide at least one annual training event for CDOT right

of way staff. There are no other comprehensive, locally available training alternatives for right of way training.

CDOT's acquisition and relocation fee agent consultants attended and participated as joint-presenters with CDOT staff, adding approximately 50 additional participants. In addition to the sponsoring firms, the International Right of Way Association (IRWA) provided an information table at the event. Also, CDOT's Region Property Management staff were invited, and Property Management made a presentation at one of the CDOT break-out sessions.

To encourage continued improvement in CDOT-consultant relations, all of the firms and individuals on CDOT's approved acquisition-relocation agent list were invited to meet with Right of Way Program management staff to develop joint training sessions with CDOT for this 2015 training event.

In addition to the CDOT staff and consulting agent joint training, on the half days before and after the joint training event with the consultants, trainers from FHWA's Resource Training Center collaborated with CDOT staff to provide training to CDOT's acquisition and relocation agents. The goals are to ensure continued program improvement in compliance with the Uniform Act and to benefit from FHWA's no-cost (to CDOT) training option.

# Oil and Gas Right of Way Acquisition: A Field Services Perspective

By Jacob Frisch, PLS, CFedS

As a provider of professional services for the oil and gas industry, the pipeline right of way acquisition process requires the skills and knowledge of several experts.

Before any Right of Way agent (landman) talks to a Geographic Information Systems (GIS) professionals and contracted to perform statistical analysis on the best Point A to Point B. For a pipeline project this includes shortest route, but also the most cost effective route unnecessary permitting, major obstacles such as habitats, river crossings that require significant bores, roadways to name a few. Aerial imagery is also analyzed with county parcel data to help route around areas of significance to the landowner. Examples include historically significant sites, or locations that may hold to landowners.



landowner, Civil Engineers are route to get from not only the that avoids sensitive wildlife buildings, and in conjunction potential graveyards, sentimental value



Once the preliminary alignment is determined, a list of landowners is generated and cross checked with current county records. This is where the landman begins to work his or her magic with first introductions. The primary goal of the landman is to gain permission to begin a preliminary survey across the landowner's property.

Survey work for right of way acquisition has several stages. Once an agreement has been finalized with the landowner for a preliminary survey, field crews mobilize to stake the centerline of the proposed alignment. Often the visual location of the proposed centerline is used so that utility locators can mark known underground utilities that may affect the preliminary pipeline alignment, as well as to show the anticipated physical location to the client, the engineers, the landman, and most importantly the landowner.

Field crews will then return to the site to collect the previously mentioned marked utilities, as well as to collect additional cultural (planimetric) features such as visible utilities, fences, buildings, roads, creeks, crop lines, potential lines of occupation, property markers, and Section monuments. The timing of the preliminary staking, utility location, and cultural features collection needs to be managed within a short duration as stakes typically get destroyed by cattle or pulled by landowners, and underground utility marks disappear. Considerations for planting, harvesting, calving, hunting, or recreational use by the landowner often dictate when and for how long stakes can remain in the ground.





In many instances the landowner will approach field crews in hopes of obtaining more detailed information. Occasionally, survey crews are approached by angry or uninformed landowners. In situations such as this the objective is safety. The last thing anyone wants is to have a bullet wiz by their head or worse. Landowner rights are always an important consideration therefore, the constant and consistent communication and coordination between the surveyor and landman is of critical importance. Having informed field crews on site, trained with interpersonal communication skills and the knowledge to have the landowner contact their respective landman for all information regarding the right of way, is extremely important to a successful negotiation. Having one point of contact is preferable to having multiple points of contact with potentially contradictory information.



information. are approached primary bullet wiz by consideration coordination Having informed skills and the



Tweaks to the alignment are made based on landowner requests, obstacles identified from field collected data, and Title/Record documentation of existing and planned encumbrances. In certain situations field crews are authorized to “field fit” the pipeline location to best accommodate complex situations. Landowner exhibits are drafted and supplied to the landman for final landowner negotiation and approval. Final agreement to the route is followed by written property descriptions and exhibits suitable for recording. At this point the surveyor is also responsible for filing documents with the State and depositing/recording plats with the County.



Regulatory agents use newly recorded and existing documents to file permits with Municipalities, Counties, and State Highway departments. Planning Commission and City Council meetings are attended to address any public concern and answer questions.

Upon permit approval is re-staked in the construction purposes. During construction, field site to ensure the pipe falls within the agreed upon capture the as-built pipe information such as valves, welds, and other necessary information client and regulatory agencies. As-built data is in a GIS format suitable for the end user to quickly access necessary information regarding all pipeline



the final alignment field for crews remain on-easement, and to location of joints, required by the typically delivered and accurately records.

Note: For additional information on pipeline surveying, plan to attend the November 10<sup>th</sup>, Chapter 6 IRWA dinner meeting program by Douglas Chinn, Senior Project Manager with Acklam.

*Jacob Frisch is the Colorado Survey Manager for Petroleum Field Services (petro-fs.com). PFS provides land surveying and permitting for Oil and Gas right of way as well as construction and as-built surveying and staking*

# IRWA 2016 Early Bird Dues Renewal

## Renew your way. It's easier than ever.

To help you stay current, credentialed and connected, we mailed your membership invoice this week.

You can also renew online. Click on any button below to begin.

### THREE WAYS TO RENEW!



**Renew Online**



**Print Invoice**



**Pay by Phone**

### Your Renewal date is: December 31, 2015

As a valued member, we look forward to bringing you essential benefits and services in the coming year. With so many unique opportunities on the horizon, this is an important time to maintain your IRWA membership.

**YOUR MEMBER BENEFITS**

### Questions?

Silvia Smith  
[smith@irwaonline.org](mailto:smith@irwaonline.org)  
 310.538.0233, ext. 120

Bonnie Gray  
[gray@irwaonline.org](mailto:gray@irwaonline.org)  
 310.538.0233, ext. 134



**H.C. Peck & Associates, Inc.**  
 A National Land Service Company

H.C. Peck & Associates, Inc. is a full-service national right-of-way company. Founded in 1988, we are a DBE firm offering an array of professional services to both private industry and public agencies.

Call us today and we'll help you get the land you need, wherever it happens to be. With reason, of course.

**H.C. Peck & Associates, Inc.**

4001 Fox Street  
 Denver, CO 80216  
 Tel: 303.757.1881  
 Fax: 303.757.0881  
 www.hcpeck.com

**Bonnie Koerig & Associates, LLC**  
 Real Estate Analysts - Valuation Consultants

**Bonnie D. Koerig, MAI, AI-GRS**  
 Designated Practicing Life Member  
 Appraisal Institute  
 AQB Certified USPAP Instructor #10331

1873 S. Bellvue Street  
 Suite 122E  
 Denver, Colorado 80224-4559

Phone: 303-757-5525  
 E-mail: bonnie@coloradoprapp.com

**Stanley Consultants**  
 Global Engineering Service Provider  
 Energy, Environmental, Transportation, Water

COLLABORATION  
 ACQUISITION



ROW Acquisition & Relocation  
 Corridor Analysis & Facility Siting  
 GIS Mapping & Web Based Project Management  
 Federal, State, & Local Land-Use Permits  
 Title Research  
 Public Outreach

800.878.6806 | www.stanley.com

CONSULTING  
**vanhooser**  
 Darrel C. Vanhooser, SR/WA

16795 E Napa Dr  
 Aurora, CO 80013  
 P.303.875.4768  
 darrel@vanhooserconsulting.com



**Farnsworth**  
GROUP

Land Surveying | GIS | CDOT Expertise

Denver | Colorado Springs | Fort Collins | [www.f-w.com](http://www.f-w.com)

The advertisement features a dark blue background with a white logo consisting of a square with diagonal lines. Below the logo, the company name 'Farnsworth GROUP' is written in white. Underneath, the services 'Land Surveying | GIS | CDOT Expertise' are listed. At the bottom, the locations 'Denver | Colorado Springs | Fort Collins' and the website 'www.f-w.com' are provided. Below the text, there are four small images: a road with a building in the distance, a surveyor in a field, a modern building interior, and industrial machinery.