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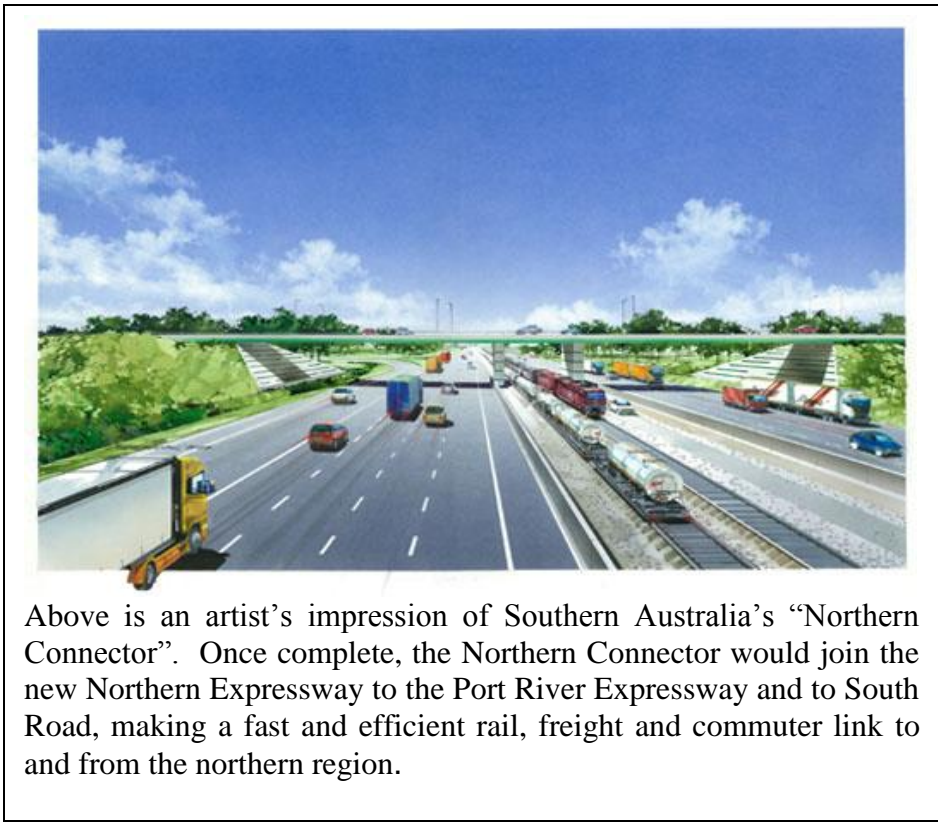
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Above is an artist's impression of Southern Australia's "Northern Connector". Once complete, the Northern Connector would join the new Northern Expressway to the Port River Expressway and to South Road, making a fast and efficient rail, freight and commuter link to and from the northern region.

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September Board Meeting

September 1, 2010
4:30 P.M.

Attorney General's office
1275 W. Washington
Phoenix AZ 85007

Entrance on North side of building.
Cost: Free. Parking: Free.

A Word From Our President ...

Karen L. Williams, SR/WA

Three items I would like to highlight in this President's Message:

1. An important message sent out by our Secretary, Vicki Chamberlin on August 24, 2010:

The new ROW Professional Career Path will take effect October 1, 2010. Current SR/WA candidates are grandfathered into existing program for the term of their original candidacy only. If they think they won't be able to complete the requirements and submit their completion application before their candidacy expire, extensions may be applied for by filling out and submitting a new candidacy form by September 30, 2010. This will give candidates a complete 5-year period from the date of approval.

Grandfathering rights on the existing program will also apply to those members who are working on their SR/WA Designation but have not applied for candidacy yet. They also have until September 30, 2010 to submit their candidacy application to get locked in into the existing program.

Gayle Leonard is your current Chapter PDC Chair. If you have any questions please send her an email at GayleLeonard@mail.maricopa.gov.

2. The Region One Fall Forum:

As you know, the Fall Forum is scheduled for October 2 in Sacramento, CA. If any of you plan to attend please let me know so that I can notify the hosts from Chapter 27.

3. Kachina Chapter 28 **52nd Annual Education Seminar:**

The seminar is approaching and we need your registrations and sponsorships. The dates, as you know, are September 15, 16, 17. Course 105 will be on the 15th and Course 804 will be on the 16th. The 17th is packed with many great speakers, as well as providing an opportunity for you to catch up with those you have not seen in awhile. You don't want to miss this!

That's all for now. See you in September!

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Perception is everything ...

a continuing editorial commentary on the IRWA budget

by Kathie A. Sholly, SR/WA, R/W-AMC

1-Year International Director

If you've been following my questioning of the IRWA budget, you know that I do so from the heart. I have friends and co-workers out of work, on reduced pay schedules, with reduced or non-existent benefits, and struggling to make ends meet.

I hear of continuing weakened employment figures – the scheduled elimination of the temporary census positions and the continued down-sizing of governments resulted in a total loss of 202,000 positions in July, **just from the government sector**. In the private sector, temporary positions increased in each of the last nine months, but **5,600 of those positions were eliminated** in July. Claims for unemployment benefits recently jumped to the highest level in five months. Homelessness is up 30-percent since 2009.

Mark Rieck at IRWA HQ recently distributed an email stating: “The road ahead is filled with potholes, but ... there is hope for the future” with a link to an article by Mark G. Dotzour, chief economist and director of research at the Texas A&M Real Estate Center at Mays Business School.

(<http://maysbusiness.tamu.edu/index.php/rebound-or-double-dip/>)

What I gleaned from that article was that, while consumer spending was better in the first half of 2010 compared to first half 2009, corporate cash hoarding and reluctance to expand (e.g., hire more employees) indicates that, until the elections are over **AND** businesses are assured “the yellow flag of government intervention has been lifted”, nothing much will change. The article didn't really provide me with much new information or a boatload of “hope for the future”. However, I do believe that conditions will get better – sooner or later. I am not, by nature, a “glass is half empty” kind of gal, but neither do I look at a half-full glass and call it “nearly full”.

One of the comments attached to that article articulated what I consider to be a very logical expectation for the foreseeable future: “unless global economies improve ... consumer spending on wants not just needs or necessities will fail to improve. The current deficit and higher deficits that will follow will create a crowding out effect that will dampen investment and spending. Both firm and consumer expectations of higher taxes to support deficit reductions will adversely effect [sic] economic expansion and failure to reduce the deficit will encourage a flight to safety on the part of our foreign investors. Our economy has reached a point of dillusional equailiberum [sic] ...”

Among the emails I've received recently from fellow IRWA members, one lamented that HQ might not be doing enough to save for the future. “Spending money on motivational speakers is fine for some industries that are dependent on salesmen who need constant motivation during down times, but we are not salesmen.” The person indicated that they hoped HQ wasn't trying to “pull the wool over our eyes until the downward economy trend is reversed or until there is no more money and we lose our organization.”

But perhaps it is not a deliberate attempt by HQ to “pull the wool over our eyes”. Perhaps some of the higher-ranking HQ staffers simply embrace, as reality, the “delusional equilibrium” of our global economic situation. Perhaps like the emperor with his new clothes, it feels better to continue on as if everything is all right. Perhaps it is the result of diligent practice of the power of positive affirmations. Perhaps it is the paradox of power, as explained in a recent article in the Wall Street Journal¹. I can't explain it. I can only say that it exists. And it creates a feeling of disconnect with HQ, at least for some of us.

Continued on Page 12

52nd Annual Education Seminar

"Working Smarter by Working Together"

Hosted by IRWA Kachina Chapter 28

September 15 - 17, 2010

Desert Willow Conference Center
4340 E. Cotton Center Blvd, Phoenix, AZ

* Our Seminar is September 17th *

PLEASE go the website below and sign up today!

http://irwachapter28.org/seminar_Fall2010.asp

Only \$125.00!

- or - **ONLY \$25.00** with
use of your \$100 Discount Luncheon Coupon

Scheduled Classes

Course 105: The Uniform Act - Executive Summary, offered September 15

Course 804: Skills of Expert Testimony, offered September 16

Scheduled speakers

Marshall Trimble - *Arizona Oddities, Anomalies and Tamales*

Gregory Korumph (SRP) - *"Go with the Flow?", the shared Challenges of Water Reserve Planning*

Ronald Flood (APS) - *From Light Breezes to Lighting Buildings: Developing Utility-Scale Wind Facilities*

Keith Russell (Maricopa County Assessor) - *Where Are We Now?*

Kate Maracas (Abengoa Solar) - *Go Team! A Solana Power Plant Update*

Ruben Ojeda (ASLD) - *The "Right Way" of Working with Right-of-Way & State Trust Land*

Julie Lemmon (Maricopa County) - *Irrigation Districts 101*

Thank you,

Mary A.M. Smith

President Elect

IRWA Kachina Chapter 28

Calendar of Events

September 1 -

Board Meeting

September 15-17 -

52nd Annual Education Seminar at Desert Willow Conference Center

September 17 -

Member Meeting and Luncheon

October 6 -

Board Meeting

November 3 -

Board Meeting

November 9 -

Member Meeting and Luncheon

EDUCATION

September 15 -

Course 105 – Uniform Act Executive Summary

September 16 -

Course 804 - Skills of Expert Testimony

October 12-15 -

Course 100 – Principles of Land Acquisition

November 5 -

Course 409 - Integrating Appraisal Standards

November 4-5 -

Course 700 – Introduction to Property/Asset Management

TO LEARN MORE OR
SIGN UP, GO TO:

<http://www.irwachapter28.org>

Winners of the Free Course certificates from
the August member meeting are:

Al Dickie
Louis Barragan
Kathie Sholly

CONGRATULATIONS!!!

	
\$100 Discount Coupon	
Redeemable for IRWA Kachina Chapter 28 Course Tuition	
Members Name: _____	
<i>Must be a Member of Chapter 28 and attend Three Member Meeting Luncheons</i>	
Executive Board Member signature	Date
Coupon expires one (1) year from latest date above	

	
\$100 Discount Coupon	
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Coupon expires one (1) year from latest date above	

Revised ALTA / ACSM Land Title Survey Standards

The final draft of the proposed *2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Survey Standards* was approved by a joint committee of the American Land Title Association and the National Society of Professional Surveyors in Chicago on August 11, 2011. The document will go up for a vote by the membership of ALTA in October and the NSPS Board of Governors and Board of Directors in November. Assuming both organizations approve the new document, it will become effective on February 23, 2011. The new standards will be posted online and published in 2011, as special content, in the *ACSM Bulletin*. The proposed 2011 Standard is a major revision—the first significant rewrite of the standards since they were first adopted by ACSM and the American Title Association (now ALTA) in 1962. Several hundred suggestions and comments from dozens and dozens of persons across the country were reviewed during the course of this effort. The revised Standards represent the culmination of over two years of concentrated work by a large NSPS committee and a select group of title attorneys with ALTA. — by *Gary Kent*

Career Path Change

A word from HQ:

The new ROW Professional Career Path will take effect **October 1, 2010.**

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They also have until September 30, 2010 to submit their candidacy application to get locked in into the existing program.

Gayle Leonard is your current Chapter PDC Chair. If you have any questions please send her an email at:

GayleLeonard@mail.maricopa.gov

Thanks,
Vicki Chamberlin
Secretary
IRWA Kachina Chapter 28
secretary@irwchapter28.org

ETHICS

Phoenix woman accused of embezzling \$500,000 from hockey group

by **Connie Cone Sexton**
The Arizona Republic

A former acting treasurer for the Arizona High School Hockey Association was arrested this week on charges she embezzled at least \$500,000 from the group.

Phoenix resident Mary Ann Williams, 47, was booked into jail on charges of theft, fraud and forgery. Williams began volunteering for the northeast Phoenix organization in 2003 when her son began playing hockey with the group.

A Phoenix police report said she had a working knowledge of bookkeeping because of her employment as the assistant comptroller at a local private golf club. Williams was arrested at the Estancia Club, a private golf club in north Scottsdale.

The investigation into Williams began Feb. 27 when the hockey association contacted the Phoenix Police Department about concerns she was stealing money, Detective James Holmes said. The investigation showed Williams began embezzling money from the organization in 2005 and continued until she was removed from the acting treasurer's post earlier this year.

Williams is accused of issuing checks to herself and to personal debtors, making electronic payments from the hockey association's bank account, and using the organization's debit card for personal purchases. She also is accused of forging documents to obtain a \$75,000 loan in the hockey group's name. The association became aware of problems after creditors from the loan contacted them.

Officials from the hockey association are expected to issue a statement about the arrest later Wednesday. Holmes said the Phoenix investigation indicates the Estancia Club also could be a victim of possible theft. Gary Jones, general manager for the club, said Wednesday he doesn't believe the club has suffered any loss, but added, "Of course, we'll do an audit."

Read more:

<http://www.azcentral.com/community/nephoenix/articles/2010/08/04/20100804phoenix-woman-embezzlement-hockey-association.html#ixzz0vgPrGzUW>

The Boustrophedonic Pattern – What?

James “Mike” Hart, PLS, CFedS
 Towill, Inc. mike.hart@towill.com
 IRWA Ch. 11 Surveying & Engineering Committee Chair
 Region 1 Representative to ISEC



The term *boustrophedonic* means “as the oxen plows” or “as the oxen turns,” and it is easy to see how that description nicely fits the boustrophedonic pattern shown to the left. So, how does this apply to those of us in IRWA?

As you may know, in the U.S. Public Land Survey System (PLSS), the foundational land fabric for most of the United States, the 6 x 6 grid of 36 sections in the township are numbered beginning with “1” in the northeast corner of the township, then alternating east to west then west to east until reaching the last section “36” in the southeast corner – a boustrophedonic pattern. In Canada, the Dominion Land Survey (DLS) also uses boustrophedonic numbering, but that scheme starts numbering in the southeast corner.

The boustrophedonic pattern is also a characteristic of several early languages. It was used in ancient Egyptian hieroglyphics and Greek manuscripts prior to 600 B.C., and mirrored boustrophedonic writing is demonstrated in the Rongorongo language on Easter Island’s stone head statues. While Rongorongo has never been deciphered, anthropologists have determined its boustrophedonic pattern also rotates every other line of text 180° vertically.

The “founding fathers” of the PLSS drew upon many sources when forming the foundation of our land tenure system. Surprisingly few changes have been implemented in the PLSS since its introduction via the Land Ordinance of 1785 – and that is a testament to its grand design.

36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6
12	7	8	9	10	11	12	7
13	18	17	16	15	14	13	18
24	19	20	21	22	23	24	19
25	30	29	28	27	26	25	30
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6



I am writing you in the hope that you will show an interest in our survey related classes that I think could be of great benefit to you and your employees. We are preparing for another fall semester at Phoenix College and this one could be our most challenging yet for maintaining the required student population. Like you, the economic downturn has also adversely affected us, since our market is mostly working adults.

There are three classes that I think would be very beneficial to the Right of Way profession:

- **CET101 Surveying I** - This class covers the basics of land surveying and introduces the student to what it takes to perform a survey, whether boundary, topographic or construction. Participation in this class gives the student a true insight into the data collection necessary to write a legal description or stake a boundary.
- **CET202 Boundary Control & Legal Principles II (Reading & Writing Legal Descriptions)** – The ability to interpret and write legal descriptions is a basic requirement of your profession and after successful completion of this semester the student will have an excellent grasp on this intricate topic.
- **CET250 Public Land Survey System** – The sectional system of Arizona’s boundaries is often misunderstood (even by surveyors) and that has caused gaps and overlaps that make it difficult to determine boundaries. This class will utilize the new (2009) manual that was just released and teach the students how to deal with the special cases that come up as a result of the different shapes and rules of the system.

Our Surveying Technology program continues to have success in spite of the economy. We will have another graduate this summer, bringing the total to 14 since the degree program began in 2005. The overall program has had 38 students obtain the L.S.I.T. certification and 32 obtain R.L.S., including two additional from the April 2010 exam. We have also had one of our graduates obtain a Civil P.E. and have had successful California P.E.s take our classes for the stringent survey portion of that test.

The most ardent supporters of our students are their managers – the encouragement, financial support, tutoring and mentoring that you provide to your employees harkens back to the “apprenticeship” days when an office or crew always had experienced people that the inexperienced learned from. Time and equipment have changed, but the basics remain. Technology demands an even higher academic requirement. Phoenix College can provide both the basics and the latest in technology to your employees.

We are offering five classes this fall and our proven educational track record can benefit not only your employees, but your company as well. As you know the busy activities of your profession often gives the employee independence from direct supervision, but with

that freedom a certain amount of risk is involved. Having educated employees making sound decisions greatly enhances your company's ability and reputation as well as protect your professional registration. PC also offers a full range of Engineering Technology and CADD classes.

The Surveying staff currently consists of John Cahoon, Ron Dry, David Schleif, Brian Fisher, Steve Duryea, Joe Todaro, Jim Cristea and I. We each have several years experience in the surveying and education fields. At \$71.00 per credit hour our classes are affordable and offered at time periods that do not interfere with work schedules (4:30 PM to 7:00 PM).

The benefits include:

- Shorter timeline for eligibility for LSIT/RLS with education
- Comprehensive classroom and laboratory environment
- Modern equipment and techniques as well as basic instruction of surveying principles
- Concepts and problems directly related to the student's job
- Field trips and guest lecturers that offer hands on application and instructions from industry experts in the fields of GPS, photogrammetry and GIS

Students can sign up on line, on the phone or in person. All information can be found at our website, <http://www.pc.maricopa.edu/>.

Surveying I (CET101)									3 Credits
Fundamental surveying principles including theory and field work using the level and transit, horizontal measurement by tape or stadia, benchmark and profile leveling traverse surveys and computations, establishment of line and grade. Designed to develop semi-professional personnel working for private or government engineering agencies. Prerequisites: DFT107, or GTC/MET108, or MAT182, or MAT187, or equivalent, or permission of Department or Division.									
Class#	College	Room	Delivery	Semester	Dates	Days	Times	Instructor	Availability
12038	Phoenix	E202	In Person	Fall 2010	08/26/2010-12/17/2010	Th	4:30PM-7:00PM	Rose	Open 17 of 20 Seats Available
Notes Students enrolling in class 12038 must also enroll in the following lab: Class 12040 held Sat from 12:10PM to 5:10PM, Lab fees \$35.00									

Surveying II (CET102)

3 Credits

Surveying principles including triangulation, municipal and land surveys, topographic surveys, earthwork, state plane coordinate systems, stadia methods, practical astronomy, highway curves, superelevations and construction. Prerequisites: CET101 or permission of Department or Division.

Class#	College	Room	Delivery	Semester	Dates	Days	Times	Instructor	Availability
12042	Phoenix	E202	In Person	Fall 2010	08/24/2010-12/17/2010	Tu	4:30PM-7:00PM	Rose	Open 22 of 24 Seats Available
Notes Students enrolling in class 12042 must also enroll in the following lab: Class 12044 held Sat from 7:00AM to 12:00PM, Lab fees \$35.00									

Boundary Control And Legal Principles II (CET202)

3 Credits

Application of principles to actual case studies. Emphasis on proper form and clarity in legal description writing. Procedure for filing subdivision plats and preparation for land surveyors' registration examinations. Prerequisites: CET201 or permission of Department or Division.

Class#	College	Room	Delivery	Semester	Dates	Days	Times	Instructor	Availability
12046	Phoenix	E219	In Person	Fall 2010	08/26/2010-12/17/2010	Th	4:30PM-7:00PM	Schlieff	Open 25 of 30 Seats Available

Public Land Survey System (CET250)

3 Credits

Overview of unique requirements to determine land boundaries according to the Manual of Instructions for the Survey of Public Lands of the United States, including history of the system, lotted sections, proportioning, subdividing, and evidence analysis. Emphasis on rules in order to perform any boundary survey, particularly for Arizona. Prerequisites: CET102 and CET201.

Class#	College	Room	Delivery	Semester	Dates	Days	Times	Instructor	Availability
13606	Phoenix	E219	In Person	Fall 2010	08/23/2010-12/17/2010	M	4:30PM-7:00PM	Todaro	Open 28 of 30 Seats Available

I believe you will find Phoenix College is a vibrant learning environment that can benefit all of your personnel as well as your organization. Experienced personnel can directly enter higher level classes without the prerequisites if their experience warrants it. Please contact me directly at the address below if seeking a waiver. The Fall 2010 schedule begins August 21st. You can help keep the PC program viable, and insure that your employees get the best an academic program can offer by enrolling them early in the classes offered this fall.

Sincerely,

John J. Rose, R.L.S.
 Adjunct Faculty
cworoseabee@gmail.com
 602-506-4679

Perception is everything ...

Continued from Page 4

While I was in Calgary, one IRWA HQ staffer made a statement about IRWA members that left me absolutely speechless. The statement, made with strong conviction and total seriousness, was that a professional would find a way to pay his or her membership dues to the professional organization to which he or she belonged. There was no excuse for not renewing professional organization membership...that, if they would just “skip a Starbuck’s now and then”, it wouldn’t be hard to do. (*As if it was only the price of a few Starbuck’s that is keeping members from renewing!*) And if they didn’t renew – if they didn’t find a way to renew – **“they aren’t members we wanted in the first place.”**

Really? There are IRWA members we didn’t want in the first place? I recognize that some people are leaving the industry altogether – either by choice or by circumstance – but I know there are a lot of members who can’t easily afford the membership and required education that goes along with it. As I’ve said before, when faced with a choice to pay for dues and courses, or to put food on the family table ... well, is there really a choice?

I have always thought of the IRWA as a relatively “close knit” group. Throughout our careers, we will work for the same companies and clients, we will work for competitors, we may work on different aspects of a project (e.g., survey, appraisal, negotiation, relocation), but no matter what, we work with each other with the same goal objectives. We respect each other. We help each other.

I had a pleasant talk with the outgoing International President, Sandy Grigg, SR/WA, while in Calgary. He was saddened to think that there seems to be a feeling of disconnect between HQ and members. He assured me that an “us versus them” attitude is not what the leaders of IRWA want to create or foster. I believe that to be true. But I also wonder if there aren’t some in leadership capacity that, for whatever reason, don’t relate well to the economic conditions of some of our members and chapters².

Perhaps, if that’s the case, it is all the more reason for us, as members, to be active in the IRWA – *our* association – to keep the lines of communication between the members and HQ transparently open, to remind those who may now devote more time to administration than to working in the field of what’s going on out there in the field. I encourage all of us to let our leaders know – through our chapter and region leaders – what’s really going on in our worlds. And assure them we aren’t spending our dues monies at Starbuck’s.

¹ “The Power Trip”, by Jonah Lehrer, August 14, 2010, Weekend Journal section. Psychologists’ studies indicate that the tendency is for “those with authority [to] focus on whether or not the argument confirms what they already believe. If it doesn’t, then the facts are conveniently ignored.”

² “The Power Trip”, by Jonah Lehrer, August 14, 2010, Weekend Journal section. Although there are exceptions, “According to psychologists, one of the main problems with authority is that it makes us less sympathetic to the concerns and emotions of others.”