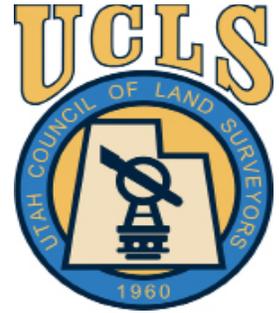
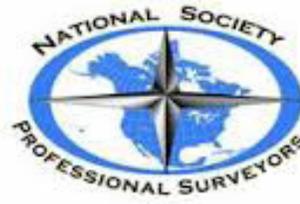


The UCLS Newsletter

Volume 4 Issue 17



November 2016

What is it?



Our November What-is-it competition is a futuristic looking piece of equipment, used by technically savvy land surveyors?

Be the first member to correctly identify the corner that this monument represents and you will be eligible for a free lunch at your next chapter meeting.

Answers may be emailed to Susan at smerrill@ucls.org. The earliest date and time of response will determine the winner.

In this issue: We share history, tidbits, and suggestions about Thanksgiving; including proclamations prepared by two noble surveyors who became Presidents. We get to know more about two of our outstanding UCLS members, provide Chapter and Committee reports, and challenge you with another North Arrow selection.

We invite you to share charismatic photos of yourself and/or a coworker, panoramic images of Utah's scenic wonders, or pictures of survey related tools and equipment. Additionally, we need interesting and unique descriptions or survey related stories to share with our membership. Remember, if you do not participate you have no right to complain. Please let us know your thoughts, recommendations, suggestions, or complaints.

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Proclamation

**“As we express our gratitude,
we must never forget that the
highest appreciation is not
to utter words, but to live by
them.”**

-John Fitzgerald Kennedy

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Contributions are encouraged. Articles, Advertisements, Pictures, and Comments may be submitted to UCLS at ucls@ucls.org or uclsforesights@ucls.org

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Getting to Know Our Members

Ken Hamblin

Residing at: **St. George, Ut**

My spouse is **Debby Hamblin** and we are the parents of **2 children**.

My hobbies and/or interests include **drag racing hot rods and spoiling the grand kids**.

When I retire, **I am retired and want to get my 1967 Dodge running again. It was wicked fast.**

I have been a member of the Utah Council of Land Surveyors since **charter member of the Color County Chapter (Middle 1980's)** and wish they would **stay on the course they are on because I had my turn and I hope I made a difference.**

My current employer is **myself (now retired)**

I have been employed by this company since **Self Employed sense 1987** but have been involved in the surveying profession since **1972**.

I became a surveyor because **I really wanted to be a heavy equipment mechanic and had an apprenticeship lined up at the Phoenix AZ Cat Dealer. But as fate would have it the Mines went on strike and I had to wait until it was over to start - so a Cousin who was working for Aerial Mapping Company said that they needed someone for a couple of weeks to fill in for a guy that went on vacation. Well he never came back and the rest is history. I became a Land Surveyor.**

During the past **44 years, The Total station and GPS** has had the greatest impact on the surveying profession. However, during the next **20 years, I believe finding new and younger people to carry on and the diminishing numbers of new people pursuing the profession** will have the most influence on its future.

In my opinion, the future of surveying is **without mentors they will be nothing but button pushers and Engineer-Surveyors because the field is so narrow.**

**David Hanrion**

Residing at **Monroe, Utah**

My spouse is **Darcelle** and we are the parents of **six children**.

My hobbies and/or interests include **besides adoring my bride; muscle cars, biking, hiking, golfing, and custom club assembly.**

When I retire, **I want to stay active biking, hiking, golfing, traveling to visit children and grandchildren. Until age and health dictate otherwise, I would like to volunteer time to PLSS corner recovery.**

I first became a member of the Utah Council of Land Surveyors **in the late 1990s, continued to pursue a private sector survey career outside of Utah beginning in 2002, and returned to Utah in 2013.**

My current employer is the **USDA Forest Service. I am a 'detached' Regional Office employee assigned to the Fishlake National Forest in Richfield, Utah.**

My position or title is **Supervisory Land Surveyor, Utah Zone Lead, and I am responsible for coordinating all boundary, title and surveying support services within the five Utah National Forests (Ashley, Dixie, Fishlake, Manti-La Sal, Uinta-Wasatch-Cache), while supervising three survey crews.**

I have been employed by the **Forest Service since September 2010** but have been involved in the surveying profession since **1987**.

I became a surveyor because **I found that I thrived with the balance of field and office activities of land surveying. Now after nearly 30 years, spanning varied types of survey projects, the greatest 'thrills' of the career still come from retracing original GLO surveys and recovering original survey evidence.**

During the past **20 years, from a technological viewpoint, the Global Positioning System** has had the greatest impact on the surveying profession. **However, we are currently beginning to experience a tremendous loss of 'legacy' knowledge and experience as the mentors of the profession begin retiring.**

In my opinion, the future of surveying **will be most influenced by the ambition and foresight of our future generation of surveyors, and I believe that they will have the greatest impact on the profession's future. I am certainly encouraged by the quality and character of the individuals I meet in the survey profession!**



Golden Spike Chapter Report

by: Andy Hubbard

Since our last board meeting the chapter only held one meeting in October, the state ombudsman's office presented recent court rulings related to surveying and the state laws concerning parcel line adjustments. The meeting was quite informative and led to several questions especially based on two recent court cases. The first Q2 v. Hughes it determined "*In this case, the Utah Supreme Court held that title to property passes by operation of law when the elements of boundary by acquiescence are met*". Meaning once the criteria is met for acquiescence the boundary line moves at that point in time and no court ruling is required. But it is up to the property owners to maintain the monuments creating the boundary (i.e. fence lines). The result the court ruled, even though acquiescence had previously occurred failure to maintain the monument allowed adverse possession to prevail.

The second Anderson v. Fautin (2016 UT 22) it helps clarify the issue "*In this case, the Utah Supreme Court clarified that in a boundary by acquiescence dispute only the claimant must occupy his or her property up to the new boundary line. The court also outlined the policy reasons behind this clarification of the boundary by acquiescence doctrine.*" **This means you can acquiescence to a boundary even if you are not there to Dispute the boundary.** It appears the court is suggesting you should know and maintain your property boundaries.

These rulings are creating quite a stir in the online forums.

<https://rplstoday.com/community/threads/adverse-possession-aquiescence-utah-2014.308316/>

We are looking forward to the December and January Meetings, details to follow shortly.

Happy Holidays.

Testing Committee Report

by: Darryl Fenn

The Testing Committee, consisting of seven members are in the middle of rewriting the Utah state portion of the PLS examinations. This is a different process than previous years. In the past, we have reviewed and edited the previous years test. This year, it is a complete rewrite. We felt within the past 5 years or so, the technologies and processes have significantly changed thus warranting a redo. I'm sure much will remain the same, but equally sure much will change.

DOPL's consultant proctor PSI, is steering the conversations and organization, but local surveyors representative of different geographic areas of Utah as well as different areas of expertise are on the committee writing meaningful, defensible, substantiated questions for the new exam.

The schedule is to have the new exam available in the January-February 2017 time frame.

Watch Out For Fire Starters

Turkey Fryers

While many subscribe to the theory any fried food is good - even if it's not necessarily good for you - there is reason to be on alert if you're thinking of celebrating the holidays by frying a turkey.

The Consumer Product Safety Commission (CPSC) reports there have been 168 turkey-fryer related fires, burns, explosions or carbon monoxide poisoning incidents since 2002. CPSC says 672 people have been injured and \$8 million in property damage losses have resulted from these incidents.

National Safety Council discourages the use of turkey fryers at home and urges those who prefer fried turkey to seek out professional establishments or consider a new, oil-less turkey fryer. But for those who don't heed that advice, please follow these precautions:

- Set up the fryer more than 10 feet from the house and keep children away.
- Find flat ground; the oil must be even and steady to ensure safety.
- Use a thawed and dry turkey; any water will cause the oil to bubble furiously and spill over.
- Fryer lid and handle can become very hot and cause burns.
- Have a fire extinguisher ready at all times.





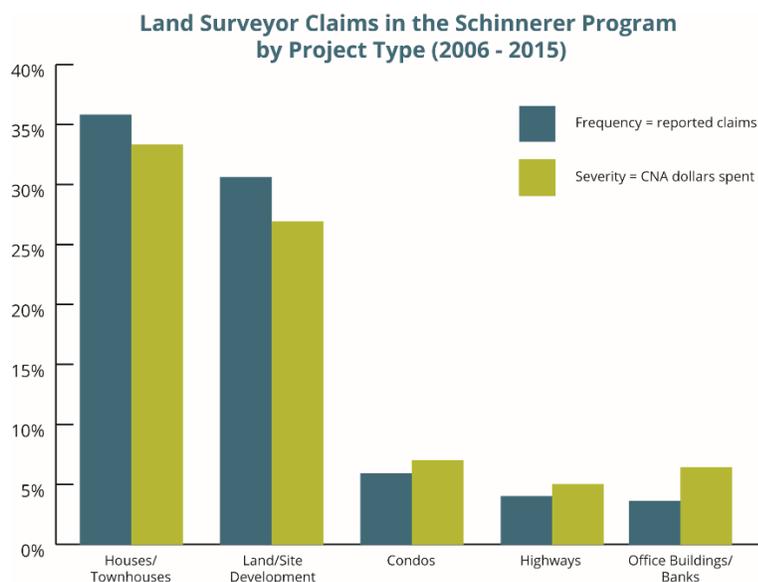
NEWS & VIEWS

National Society of Professional Surveyors

Ask Vic Column October 2016

Q. What types of claims are typically made against land surveyors and what can we do to reduce the risk of claims?

A. In the Schinnerer program for land surveyors, projects involving houses and townhouses create the most claims in terms of frequency and severity, followed closely by land and site development. The five worst project types in terms of claims against surveyors are illustrated in the graph below:



The types of problem areas (issues encountered by the surveyor while providing professional services) that create the most claims for surveyors and result in the highest payments are those involving boundaries, easements, and trespass.

Don't Give the Gift of Food Poisoning

The U.S. Department of Health and Human Services provides some holiday food safety tips. Here are a few:

- Do not rinse raw meat and poultry before cooking.
- Use a food thermometer to make sure meat is cooked to a safe temperature.
- Refrigerate food within two hours.
- Thanksgiving leftovers are safe for four days in the refrigerator.
- Bring sauces, soups, and gravies to a rolling boil when reheating.
- When storing turkey, be sure to cut the leftovers in small pieces so it will chill more quickly.
- Wash your hands frequently when handling food.



Tri-State Monument Replacement

by: Todd Jacobsen

Todd Jacobsen - Last Thursday we had a small gathering at the Tri-State monument as the BLM performed their retracement survey of the monument itself. Below is a link to some of the pictures that were taken by Benjamin Johnson, a member of the UCLS. Also the BLM had a public relations guy there taking pictures and gathering information for an article for the BLM. Although I do not remember his name he works with Dan Webb (BLM, UT), whom I'm sure could get you his name and contact information.

Additional work is still to come on the monument.

<https://drive.google.com/open?id=0ByWmJl6-6u79ZkRCTW1kUEVJaUk>

Dan Webb - On Thursday, November 3, BLM Utah, Arizona, and Nevada, met in the field with the 3 State Professional Land Surveyor Society members to resurvey the lines of the State boundaries in preparation to rehabilitate and re-monument the common State corner.

At a date yet to be determined this winter, the 1910 AZ-NV-UT State corner will be replaced with a new monument provided by the Professional Land Surveyors Societies. This effort is being coordinated by the BLM Utah State Office and the Utah Council of Land Surveyors.

Photos can be found at the following Flickr link:

<https://www.flickr.com/photos/blmutah/albums/72157672626330643>

2016 Fall Forum a Success

by: Danial Perry

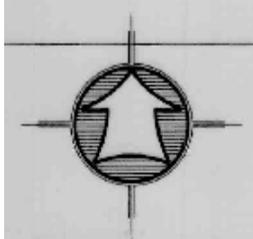
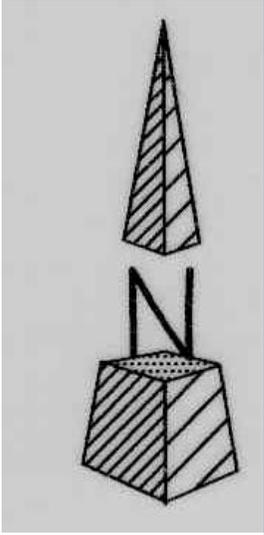
The instructors and attendees declared the 2016 Fall Forum held on November 11, 2016 at Utah Valley University a success. The focus was on Survey Technicians and particularly on helping them become Certified Survey Technicians (CST) by preparing them to pass the National Society of Professional Surveyors (NSPS) Certified Survey Technician (see <http://www.nsps.us.com/?page=CST> for more details) exams, which range in difficulty of Levels 1 through 4 and split out with Office and Field certifications. The Forum was a review of Levels 1 and 2 and then the next day November 12th fourteen individuals took an exam at the level of their choosing. This makes more CST's in the State of Utah than we have ever had.

The attendees were instructed by four licensed surveyors namely; Harold Mitchell, Dale Robinson, Ross Workman, and Dan Perry who taught all day for two hours at a time in each of the four sessions on topics ranging from Surveying History to Surveying, Survey Computations, Instrumentation, and Plan Reading to name only a few. The four sessions were attended by 26 technicians from eight in the morning until five in the afternoon were intense but enjoyable. According to a survey taken by 21 of the attendees they were fully supported as survey technicians by their employers with 76% stating they intended to go on and obtain their license in Surveying. The food was good and with 100% attendance at each session they were very satisfied with the format and content of the forum, they liked the instructors and 76% thought it definitely enhanced their knowledge of surveying and mapping. 85% said they are likely to attend next year if the forum had a similar focus. Everyone said they would recommend attendance to others and 100% said they were satisfied overall with the 2016 Fall Forum.

Thanks go to the attendees and the surveying employers who supported them in gaining increased knowledge of surveying.



MATCH THE NORTH ARROW TO THE COMPANY

Company	A	B	C	D	E	
1 Cook Sanders & Associates						1 = _____
2 Bridgerland						2 = _____
3 JK Land Surveying						3 = _____
4 Layton Surveys						4 = _____
5 Hansen & Associates						5 = _____

Answers on page 8





September - October What is it?

UCLS member Val Schultz was the first to correctly identify this monument as an NGS Benchmark (Vertical Control) with a NAVD88 Ortho Height of 7814.43 (feet) located near the Wyoming-Utah State border on State Highway 150, 166 feet SE of the Utah State Line Sign, 107 feet SW of the above Highway Center Line, 27 feet S of the Center Line of a Graveled Road West, 2.1 feet N of a fence corner, 2.9 feet NW of a witness post, 1 foot lower than the above Highway, and set in the top of a concrete post 1/2 foot above ground. At an approximate location of 40d 59'48" N Lat. 110d 51'54" W Long. SPC Ut N coordinate of 1,073,860 North and 553,430 East (approximate location in US Feet), a second order class 0 vertical monument, set in 1962 in Summit County, UT.

Description from an NGS Data Sheet PID #LO0209.

Did you know, that the average American can not pass the naturalization test?

There is a four-part test that immigrants need to pass to become a U.S. citizen: Speaking, Reading, Writing, and a Civics test. A person must correctly answer six out of ten questions on history and government and about 93% succeed. Whereas only about 65% of native-born Americans could get the required answers with the same questions.

See how well you can do, without Googling of course.

1. What do we call the first 10 amendments to the Constitution?
2. What are two rights in the Declaration of Independence?
3. What stops one branch of government from becoming too powerful?
4. We elect a U.S. senator for how many years?
5. The House of Representatives has how many voting members?
6. If both the president and the vice president can no longer serve, who becomes president?
7. Under our Constitution, some powers belong to the federal government. What is on power of the federal government?
8. When was the Constitution written?
9. The Federalist Papers supported the passage of the U.S. Constitution. Name one of the writers.
10. What territory did the United States buy from France in 1803?



As seen at: www.parade.com/citizenship

Answers to North Arrow Question 1=A; 2=D; 3=C; 4=E; 5=B

Thanksgiving Goose

by: Lee Colvin

It was the most memorable Thanksgiving Day of my youth. Not just because all my aunts, uncles, and cousins had gathered for a family reunion at our house, but because this was the first Thanksgiving I could remember when there was no turkey on the table.

In its place was a magnificent, golden brown, steaming goose, reclining on a bed of crisp lettuce, and garnished with savory, decorative condiments. It carried a precious cargo of my mother's old fashioned pork-sausage-and-bread stuffing, and was lent both support and respect by Grandma Fisher's antique sterling silver tray.

Everyone was seated around the big dining room table as Dad said grace. It was a longer prayer than usual, and I hadn't eaten breakfast in anticipation of the feast. I had to open one eye and eat a little strawberry Jello to give me the strength to make it through. I remember Dad saying in the prayer that we were thankful for the food, but that's not really what he meant. He meant we were thankful for the goose.

Dad had hunted geese a lot in his younger days, braving the snow and the cold in an icy sink box at Yuba Reservoir for hours at a time. But reason had set in as he matured, and he hadn't shot a goose for twenty years - until the Day of the Goose.

I was fourteen years old, and my brother was sixteen. Dad took us to the Bicknell Bottoms for my first ever duck hunt. I was trembling with excitement as I slogged through ten inches of swamp muck in my eight inch waterproof boots.

Back then, the duck season opened at 8 A.M., but you couldn't shoot geese until noon. That arrangement gave the geese four hours to get out of town while their smaller cousins took the heat. There were probably a hundred geese on the marsh at 8:00, but when the shooting started they left like their tails were on fire. By noon they were just a fading memory.

At about 1:00, we sat down on the river bank - Dad to reminisce about the goose hunts of old, and me to change the water in my boots. The little wriggly things in there had stopped moving, and I needed to check on them, because some of 'em were my toes.

Suddenly, Dad yelled "**GOOSE!**" I looked up just as he raised his gun. Swooping low above the river was the biggest bird I had ever seen outside of a zoo. An old, moss-backed gander, it looked like a barrel with wings. It fell into the river at Dad's shot, and we jumped in after it like otters after a fish. We laid it out on the bank, and were still admiring it long after the ice water in our pants had drained down to refill our boots.

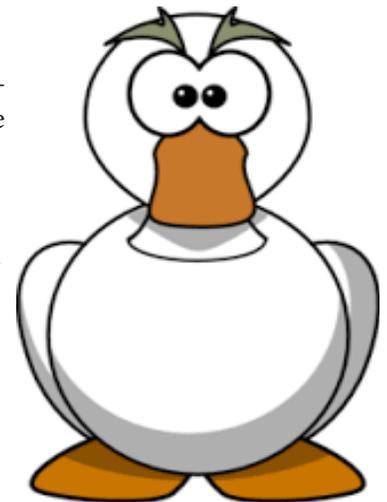
No pharaoh of Egypt was ever treated better in death than was that giant goose. Its body lay in state in our carport until all the neighbors had come to...take a gander, and pay their respects. All agreed this was not just the finest goose this planet had to offer - this was truly and intergalactic goose!

It was marinated and tenderized for two days in at least four secret marinade recipes. It was slow roasted and basted with home made butter, and stuffed with the kind of stuffing whole nations used to go to war over. You could feel the spirit of that majestic bird hovering proudly over the table as Dad carved its breast into graceful crescents and distributed them to the waiting multitude.

Uncle Melvin was the first to notice the peculiar flavor. He may even have thought it distasteful enough to spit out, if that had been possible. Because of the singular tendency of this meat to expand upon being chewed, it just wasn't possible. Wishing to prevent his wife from undergoing the same discomfort, he leaned over to whisper a warning. However, he found his mouth so occupied with meat wrestling, he was forced to whisper through his nose, so his message was unintelligible.

Soon, everyone at the table was patiently chewing a rubbery wad of ever-expanding, saddle-leather goose flesh. One by one, aided by the leverage of their butter knives, the dinner guests were able to dislodge the meat from their mouths and continue the feast. No one said a word.

I'm told that goose meat is usually pretty good. And I know for a fact that waterfowl taste better when they have been eating grain for a few weeks before they're served. I can only surmise that this specimen had a premonition of his impending fate, and ate old snow tires and sweat socks just to spite us. Ever since that memorable day, froze, store-bought turkeys have looked pretty good on the Thanksgiving dinner table.



Thanksgiving from 2 Great Surveyors

George Washington's Thanksgiving Proclamation (1789)

Whereas it is the duty of all nations to acknowledge the providence of Almighty God, to obey His will, to be grateful for His benefits, and humbly to implore His protection and favor; and Whereas both Houses of Congress have, by their joint committee, requested me "to recommend to the people of the United States a day of public thanksgiving and prayer, to be observed by acknowledging with grateful hearts the many and signal favors of Almighty God, especially by affording them an opportunity peaceably to establish a form of government for their safety and happiness:"

Now, therefore, I do recommend and assign Thursday, the 26th day of November next, to be devoted by the people of these States to the service of that great and glorious Being who is the beneficent author of all good that was, that is, or that will be; that we may then all unite in rendering unto Him our sincere and humble thanks for His kind care and protection of the people of this country previous to their becoming a nation; for the signal and manifold mercies and the favorable interpositions of His providence in the course and conclusion of the late war; for the great degree of tranquility, union, and plenty which we have since enjoyed; for the peaceable and rational manner in which we have been able to establish constitutions of government for our safety and happiness, and particularly the national one now lately instituted; for the civil and religious liberty with which we are blessed, and the means we have acquiring and diffusing useful knowledge; and, in general, for all the great and various favors which He has been pleased to confer upon us.

And also that we may then unite in most humbly offering our prayers and supplications to the great Lord and Ruler of Nations and beseech Him to pardon our national and do their transgressions; to enable us all, whether in public or private stations, to perform our several and relative duties properly and punctually; to render our National Government a blessing and obeyed; to protect and guide all sovereigns and nations (especially such as have show kindness to us), and to bless them with good governments, peace, and concord; to promote the knowledge and practice of true religion and virtue, and the increase of science among them and us; and, generally to grant unto all mankind such a degree of temporal prosperity as He alone knows to be best.

Given under my hand, at the city of New York, the 3rd day of October, A.D. 1789. **G. Washington**



Abraham Lincoln's Thanksgiving Proclamation (1863)

The year that is drawing towards its close, has been filled with the blessings of fruitful fields and healthful skies. To these bounties, which are so constantly enjoyed that we are prone to forget the source from which they come, other have been added, which are of so extraordinary a nature that they cannot fail to penetrate and soften even the heart which is habitually insensible to the ever watchful providence of Almighty God. In the midst of a civil war of unequalled magnitude and severity, which has sometimes seemed to foreign States to invite and to provoke their aggression, peace has been preserved with all nations, order has been maintained, the laws have been respected and obeyed, and harmony has prevailed everywhere except in the theatre of military conflict; while that theatre has been greatly contracted by the advancing armies and navies of the Union. Needful diversions of wealth and of strength from the fields of peaceful industry to the national defense have not arrested the plough, the shuttle, or the ship; the axe had enlarged the borders of our settlements, and the mines, as well of iron and coal as of precious metals, have yielded even more abundantly than heretofore. Population has steadily increase, notwithstanding the waste that has been made in the camp, the siege and the battle-field; and the country, rejoicing in the consciousness of augmented strength and vigor, is permitted to expect continuance of years, with large increase of freedom.

No human counsel hath devised nor hath any mortal hand worked out these great things. They are the gracious gifts of the Most High God, who, while dealing with us in anger for our sins, hath nevertheless remembered mercy.

It has seemed to me fit and proper that they should be solemnly, reverently and gratefully acknowledged as with one heart and voice by the whole American people. I do therefore invite my fellow citizen in every part of the United States, and also those who are at sea and those who are sojourning in foreign lands, to set apart and observe the last Thursday of November next, as a day of Thanksgiving and Praise to our beneficent Father who dwelleth in the Heavens. And I recommend to them that while offering up the ascriptions justly due to Him for such singular deliverances and blessings, they do also, with humble penitence for our national perverseness and disobedience, commend to his tender care all those who have become widows, orphans, mourners or sufferers in the lamentable civil strife in which we are unavoidably engaged, and fervently implore and interposition of the Almighty Hand to heal the wounds of the nation and to restore it as soon as may be consistent with the Divine purposes to the full enjoyment of peace, harmony, tranquility and Union.

In testimony whereof, I have hereunto set my hand, and cause the seal of the United States to be affixed. **A. Lincoln**

