

The UCLS Newsletter



Volume 4 Issue 7

September 2015

What is it



A Wasatch-front explorer discovered this month's "What is it" and asked for help in identifying what it is. The red brick is on a concrete pedestal with the number "46" engraved on the top. It is located in Neff's Canyon Park on the north side of Mount Olympus - on a hill that overlooks the Salt Lake Valley. Survey personnel from Salt Lake County, Salt Lake City, Bureau of Land Management, and the Forest Service have been unable to identify the purpose of this monument. Therefore, be the first to respond and correctly identify this "monument" and you become eligible for a free lunch at your next chapter meeting.

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

In this issue:

Knud Hermansen continues with the third of his five part series on "Common Research Mistakes that Surveyors Make." Find out how scary your job is - according to Google and Mike Nadeau provides us with insight on the Western Federation of Professional Surveyors. Additionally, Keogh Rosenberg is advertising for a career opportunity with their Company and we have included the Newsletter's standard north arrow, dastardly deed, and App's for Surveyors sections.

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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"You can observe a lot by just watching."
- Yogi Berra

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Common Research Mistakes Surveyors Make

(Road Records)

by

Knud E. Hermansen

P.L.S.,P.E.,Ph.D.,Esq.

In previous articles I have explained two of the five common mistakes made by surveyors in researching the records. In the first article, I discussed mistakes made in determining senior title. In the second article I explained the deficiency existing when a forward search is omitted. The third of five common mistakes often made by surveyors when researching the records is the failure to research the road records.

Surveyors often omit searching for road records even though their property is bounded by a public road. Even if a search of road records is conducted, a surveyor will often fail to find the appropriate road records.

Road records are particularly difficult records to research for three reasons: 1) First, road records are not always found where other property records are recorded. Road records are often found in municipal offices, department of transportation offices, court records, county commissioner records, and even state archives or other historical archives. The location of road records often depend on the manner of the roads were created (e.g., dedication, condemnation), the type of road (e.g., municipal, county, state) and age of the road. 2) the second difficulty arises because there is seldom an index to help locate the appropriate road record among the plethora of government documents that exist. 3) The third difficulty is the trouble in identifying a particular road from the ancient description often used when describing roads found in the records. In other words, when a road record is discovered and read, the reader often finds it difficult if not impossible to identify what road is described and where the road exists on the face of the earth using the ancient description. Consider how difficult it would be to locate the following road if knowledge of the area has been lost with the passage time.

Beginning 2 rods from Samuel Widman's pasture fence at the turnpike road, thence through Ezekiel King's land, N20 E 25 rods to a stake; thence N36E, 120 rods to a stake; thence N48E 90 rods to Jacob Denton's sawmill lane... To be opened at four rods. 12 June 1834.

Researching road records is not so much a matter of following a particular procedure as employing dogged determination and fortitude.

The failure to search for and locate the appropriate road record often results in the surveyor failing to properly fix the width of the road and thereby causing the client or other landowners to mistakenly build in the public right of way.

Describing typical weaknesses in the surveyor's record search will not necessarily convince surveyors to undertake the tedious and time consuming research necessary to overcome the limitations that were explained.

Knowledge of the deficiencies should allow the surveyor to inform the client that these deficiencies in the research exist at the completion of services. Should the client want to compensate the surveyor for the time to perform a thorough search, these limitations can be overcome.

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



**THE 15 SCARIEST JOBS IN AMERICA
ACCORDING TO GOOGLE**

RANK	OCCUPATION	TRAINING	SALARY
15	Politician	Get elected. Many careers feed into the Capitol - but a successful career in national usually starts at the local level.	\$174,000
14	Stunt Person	Attend a stunt school for three weeks of intensive training.	\$70,000
13	Animal Control Officer	A high school diploma and some experience with animals	\$30,940
12	Stand-Up Comedian	Years of battling bullies on the schoolyard with your razor-sharp wit	varies
11	Exterminator	High school diploma or equivalent. Most places provide on-the-job training, and some states require that their pest control technicians be licensed.	\$32,840
10	Cemetery Worker	There is no formal training required	\$42,250
9	High School Teacher	Complete a bachelor's degree and a state-approved certificate preparation program	\$43,800
8	Firefighter	A high school diploma and 20/20 vision. To become an active-duty firefighter, you must spend 600 hours training over 12 to 14 weeks in a series of tests	\$41,300
7	Mortician	Complete an Associate Degree, or equivalent credits, pass a state or national board licensing examination, and spend times as an apprentice.	\$41,440
6	Alaskan Crab Fishing	There is no formal crab-fishing license. Hang around the Alaskan docks during high crab season and score a job as a lowly deck hand who performs the grunt work	\$84,930
5	Police Officer	High school graduates, as long as they are drug-free and have no criminal record. If hired, you will be sent to a police academy for 12 to 14 months.	\$41,257
4	Miner	Miners must spend a minimum of 24 hours learning safety procedures and rescue, first aid, and miner rights and responsibilities.	\$53,160
3	Armed Forces Member	Recruits usually enter the army as a private first class, after completing 10 weeks of basic training	\$23,400
2	High-Rise Window Washer	High-rise window washers usually need certification. Aspiring window washer must take four correspondence exams, specializing in commercial ground-based window cleaning, rope descent systems, and suspended scaffolds.	\$28,770
1	Bomb Squad Technician	High school degree or equivalent, five years as a police officer, and training at a specialized facility, like the six-week course at the FBI Hazardous Devices School	\$54,000

Obviously, this “survey” does not include “surveyors” surveying in the intersection of busy streets and being paid a-heck-of-a-lot less than politicians do!



**Western Federation of Professional Surveyors
WFPS Representative: Michael Nadeau, PLS/CFedS
Brief Report: How does WestFed Benefit the UCLS?**

Since I became your Western Federation of Professional Surveyors (WestFed or WFPS) Representative in 2013, I have had many members of the UCLS ask me “What is WestFed?” or “What does WestFed do to enhance the UCLS?” when these opportunities arise, I look forward to sharing how WestFed benefits them and the UCLS. I’d like to start off by telling you what WestFed’s mission statement is:

The Western Federation of Professional Surveyors is a conduit for interstate communication and provides resources to its member associations. WFPS advances the profession of surveying by fostering common goals and relationships within the western states, promoting public awareness of the profession, supporting education, and providing a regional voice.

The above mission statement explains exactly what WestFed is to you as a member of the UCLS. In my next report, which you will find in the Fall *Foresights*, I will break down this mission statement and tell you exactly how each item of this mission statement benefits the UCLS and its members. For a quick summary, and a little teaser to the Fall *Foresights* report, here are items that WestFed is either looking to offer or is currently offering the 13 state societies currently involved with WestFed:

Programs being developed to promote the surveying profession:

- 30 second “Elevator Pitch”
- Brochure “How the Profession Serves the Public”
- Continuation of the Teaching with Spatial Technology (TwiST) program

Resources being developed to benefit all state associations:

- Speakers bureau for state societies to choose from a pool of speakers
- Article bank for state publications
- Quarterly book review articles (which will be found at www.wfps.org)

Examples of WFPS serving as a regional voice:

- Support letters (continuing education, four-year degree programs, etc.)
- Compilation of QBS information

As your representative, I represent you. If you would like anything discussed on a regional level, or brought up to a regional level, don’t hesitate to contact me at MikeNadeau.UCLS@gmail.com

Michael Nadeau, PLS/CFedS

About WFPS



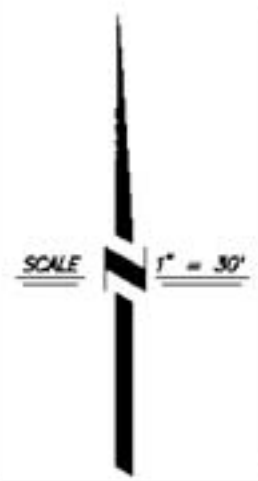
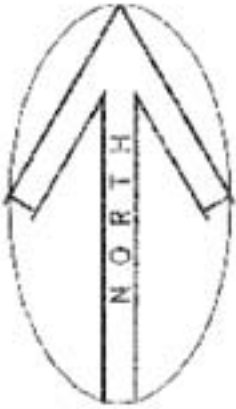
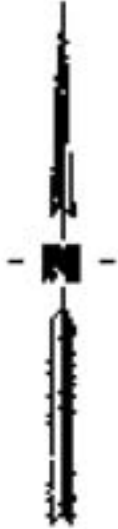
The Western Federation of Professional Surveyors (WFPS) was formed in 1979. The Board of Directors includes two Delegates from each of the 13 western states. WFPS serves as a regional voice for land surveyors and meets quarterly to discuss practice issues affecting western state surveyors. For more information and WFPS and the state associations, visit WFPS.org

GETTING TO KNOW OUR MEMBERS

Thank you for the opportunity to participate, however, I have retired and would like to relinquish my space to another desiring the opportunity. I can truly say that after surveying from 1964-2015 I never had a day that I did not want to be on the job. The varied landscapes, personnel, clients and many problems resolved made my career a most fulfilling and enjoyable time. My hat is off to those who press forward striving to improve the professional image and work with colleagues to provide the best of services to the public. Those in UCLS are a wonderful group and I have benefited from my association with them. Thank you for the memories!



Which North Arrow belongs to which company?

	A	B	C	D	E	
1 Postma Engineering						1 = _____.
2 The Keith Company						2 = _____.
3 Buckskin Surveying						3 = _____.
4 Ten West						4 = _____.
5 Wasatch Surveying						5 = _____.

Answers on page 7

B4UFLY Smartphone App

Beta test now underway

B4UFLY is an easy-to-use smartphone app that helps unmanned aircraft operators determine whether there are any restrictions or requirements in effect at the location where they want to fly.

On August 28, 2015, the FAA released B4UFLY to approximately 1,000 beta testers, including members of industry, government, and the public.

This limited beta test is expected to run for several months, after which the FAA plans to make a final version of B4UFLY available for the general public. The beta version of the app is for iOS devices only, but the FAA intends to release a future version for both iOS and Android devices.

Key features of the B4UFLY app include:

- A clear “status indicator that immediately informs the operator about their current location. For example, it shows flying in the Special Flight Rules Area around Washington, DC is prohibited Information on the parameters that drive the status indicator
- A “Planner Mode” for future flights in different locations informative, interactive maps with filtering options
- Links to other FAA UAS resources and regulatory information.

For more information, view the [B4UFLY_Q&A\(media/UAS_B4UFLY_QandA.pdf\)](#) (PDF).

This page was originally published at: <http://www.faa.gov/uas/b4ufly/>



August - What is it?



Nearly two dozen UCLS members correctly identified the LEROY lettering template from last month's "WHAT IT IS?" contest.

James Olschewski was the quickest to respond. Brent Slater, Robert Baker, and Steve Dale were not far behind.

LEROY... for these compelling reasons...

- **Precision** LEROY Lettering and Symbol Drawing equipment is a precision-engineered job in every detail.
- **Workmanship** LEROY products are the result of superb K&E craftsmanship and quality of materials.
- **Simplicity** Designed by K&E for upmost simplicity of operation, LEROY Lettering needs no special skill or technique to produce perfect neatness and uniformity in the work.

• **Economy** Your initial LEROY outlay is completely elastic. It can be “tailored” to fit your exact requirements. No “extras” have to be bought. And your LEROY equipment will give your years of steady service.

The Leroy Lettering Set from Keuffel & Esser Co. was a marvel in its day. The letters were singularly traced from the Leroy with a stylus, at the same time reproducing an exact duplicate of each letter on the drawing paper.

The typical commercial set included three 15-inch templates, four 12-inch templates, and four 9.5-inch templates. Most lettering templates were double sided - having upper case letter on one side and lower case lettering on the opposite side. The heights of the text were measured in hundreds of an inch with common sizes of 80, 100, 120, 140, 175, 200, 240, 290, 350, 425, and 500. Additionally, the standard set included pens of various weights and an adjustable scribe.

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



Career Opportunity

Keogh Rosenberg Land Surveying has a career opportunity for a Professional Land Surveyor located in Moab, Utah. We are seeking a Utah Licensed Profession Land Surveyor to join our team and live in the awe-inspiring canyons, desert and mountains of Moab.

Job Description: PLS must be Utah Licensed and capable of working on their own on a wide variety of field surveys, including residential, commercial, construction, roads, drilling and mining. Must be able to operated Trimble TSC Controllers and GPS receivers. Experience with computation and drafting with Autocad Civil 3D. This position requires walking/ hiking in and on rugged terrain while carrying up 50 LBS of equipment, at times.

Wage and benefits are negotiable based on experience and qualifications.

Email your resume and cover letter to kr@racivil.com OR call (435) 259-8171



2015 Utah Legislature
Summary of Bills That Affect Land Use, Land
Development, Property Rights, or Eminent Domain
These summaries are provided for informational purposes only, and
do not reflect legal conclusions or opinions on any legislation.

Please refer to the bill text, or to the language of the Utah Code.
 The full text of each bill may be found at www.le.utah.gov, or by clicking on the Bill Title.
 All bills are listed under the number assigned during the 2015 General Session.

List of Bills Discussed
 In Numerical Order

House Bills

H.B. 25: Water Law - Application Revisions
 H.B. 42: Annexation Amendments
 H.B. 43S4: Water Rights - Change Application Amendments
 H.B. 46S1: Mechanic's Lien Revisions
 H.B. 53: Local Government Residential Reimbursement
 H.B. 58: Change Application Modifications
 H.B. 70S1: Posting Political Signs on Public Property
 H.B. 98S1: Association Amendments
 H.B. 99: Association Open Meeting Amendments
 H.B. 103: Taxation of Property Amendments
 H.B. 117: Public Meeting Notice Requirements
 H.B. 127S1: Local Land Use Amendments
 H.B. 160: Drive-Through Service usage Amendments
 H.B. 192: Property Rights Ombudsman Amendments
 H.B. 276: Agriculture Structure Amendments
 H.B. 303S2: Legislative Approval of Land Transfers
 H.B. 332: Local Transportation Corridor Preservation
 H.B. 351S3: Planning District Amendments

Senate Bills

S.B. 15: Water Law - Forfeiture Exemptions
 S.B. 29: School Planning and Zoning Process
 S.B. 40: Water Law - Application Withdrawal
 S.B. 68: Eminent Domain Amendments
 S.B. 80S1: Homeowners' Association Reserve Fund
 S.B. 118S2: Homeowner Association Bylaws
 S.B. 124S3: Land Use Amendments
 S.B. 143: Title and Escrow Modifications
 S.B. 199S5: Local Government Revisions



Member Feedback

Received the newsletter and enjoyed it. Just a comment on format: Some of the text was very difficult to read due to the background colors. It makes it more pleasant to view with color but some colors are more difficult to read through. Thanks for your great work in keeping us informed.

Recorded at the request of: John C. Ketchum, 6426 West Parkway Blvd., West Valley City, Utah 84128
 at _____ N. Fee paid \$ _____
 by _____ Dep. Book: _____ Page _____ Ref.: _____
 Mail tax notice to: John C. Ketchum, et. al., 6426 West Parkway Blvd., West Valley City, Utah 84128.

QUIT CLAIM DEED

6656811

JOHN C. KETCHUM, AND KAREN V. KETCHUM, grantors of West Valley City, County of Salt Lake, State of Utah, hereby

QUITS CLAIM TO JOHN C. KETCHUM, KAREN V. KETCHUM, AND LOIS I. KETCHUM, as joint tenants, an undivided 1/3 interest each as grantees of West Valley City, County of Salt Lake, State of Utah for the sum of TEN and NO/100 DOLLARS the following described tract of land in Salt Lake County, State of Utah, to-wit:

So, how would you interpret the intent. Are they joint tenants, or are they tenants in common each having an undivided 1/3 interest? It can't be both.

BEGINNING at the Northeast Corner of Section 27, Township 1 South, Range 2 West, Salt Lake Base and Meridian, and running thence South 0°02'48" East 472.14 feet along the east line of said Section 27 to the northerly right-of-way line of a County Road (2760 South); thence South 85°26'07" West 446.31 feet along said right-of-way line; thence North 507.39 feet to the north line of said Section 27; thence North 89°57'53" East 444.51 feet along said north line to the point of beginning.

The above described tract of land contains 5.00 acres.

WITNESS the hands of said grantors, this 29th day of May, 1997.

Signed in the Presence of:

GRANTORS:

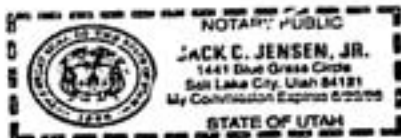
[Signature]
[Signature]

[Signature]
 John C. Ketchum
[Signature]
 Karen V. Ketchum



STATE OF UTAH)
) SS.
 COUNTY OF SALT LAKE)

On the 29th day of May, 1997, personally appeared before me John C. Ketchum and Karen V. Ketchum, the grantors and signers of the within instrument, who duly acknowledged to me that they executed the same.



[Signature]
 Notary Public
 Residing in Salt Lake County
 Commission Expires:
June 29, 1999

SK7678PG2721

UCLS thanks Steve Dale for submitting this month's Dastardly Deed