

Line of Sight

Gould Engineering, Inc.'s Quarterly Newsletter

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Contacts at GEI

Human Resources and Operations:
- Victor J. Lukasavitz, P.S.

Municipal Engineering/Civil Engineering:
- Steven J. Nagy, P.E.
- David D. Hiler, P.E.

Surveying:
- Kevin B. Cleaver, P.S.
- Geric L. Rose, P.S./E.I.T.

Land Development:
- Lisa M. Easterwood, C.S.T.
- Victor J. Lukasavitz, P.S.

Site Plans:
- Lisa M. Easterwood, C.S.T.
- Victor J. Lukasavitz, P.S.

Administrative Services & Accounts
Receivable:
- Debra LaJoice

Newsletter Editor and Makeup:
- Amanda Popilek



Gould's New Robotic Total Station

Written By: Kevin B. Cleaver, P.S., Director of Surveying

Gould Engineering is very excited about the addition of a new robotic total station. This total station is equipped with high speed servo motors to ensure a smooth and quick rotation of both horizontal and vertical targeting of the stakeout prism. With the optical track and remote two-way radio communication built into this system this allows complete operation of the total station from the stakeout prism. We have also added a laptop computer for our field operations. These new purchases will allow Gould's staff more versatility to continue servicing our clients in a timely and professional manner.

The robotic total station will add to the productivity in the areas of construction layout, topographic surveys, and house stakings. The laptop computer will allow the field staff to complete GPS static surveys and process directly in the field and also allow for the calculations and download of data of any additional information the field staff may need.



Victor Lukasavitz, P.S., President, accepting an award for 85 years in business and 45 years of professional service with Grand Blanc Township, presented by Jeffrey Zittel, Supervisor



Victor Lukasavitz, P.S., President, accepting an award for Past Chamber Chairman, presented by Paul Lissner, current Grand Blanc Chamber Chairman

Grand Blanc Chamber Awards Dinner



Joyce Thewalt, Grand Blanc Chamber President, getting groovy with her surprise entertainment. A gorilla!!

We are proud of our staff's longevity. Thanks!

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**GOULD'S
EMPLOYMENT
ANNIVERSARIES**

Greg Lamkin	April 1	One year of service
Bill Wascher	April 1	Eighteen years of service
Dion Burroughs	April 4	Three years of service
Tom Maier	April 11	Seventeen years of service
Ben Caldwell	May 2	Two years of service
Amanda Popilek	May 3	Three years of service
Ed Compton	May 16	Nineteen years of service
Lisa Easterwood	June 11	Thirteen years of service

Staff News



GEI welcomes our new staff member, **Wendy Stacy**, Secretary. Wendy joined the GEI staff in January. We welcome her.



Bill Wascher, Computer Technical Manager, has been elected to Vice Chair of the City of Owosso Planning Commission.

GEI welcomed **Scott Hemeyer**, E.I.T., Design Engineer, to our company on April 28th. Scott is a recent graduate of University of Michigan - Ann Arbor. More news about Scott to follow in our next issue.

Ben Caldwell, C.S.T., Field Crew Member, has taken his CST Level II Examination.

Lisa Easterwood, C.S.T., **Geric Rose**, P.S./E.I.T., **Dan Howey**, C.S.T., **Fred Roeder**, and **Dion Burroughs** participated once again this year, in the Big Brothers, Big Sisters 2003 Bowling Challenge. Geric bowled the highest out of the group with a 186!

GEI PROJECTS

City of Owosso

- * Osburn Lakes Development Plan

Genesee County Drain Commissioner's Office

- * Del Rio Watermain
- * Myers Drain
- * Camp Copneconic Sanitary Sewer
- * Van Vleet Drain Improvement
- * Vassar Road Booster Station and Ground Storage Water Tank

Genesee County Parks and Recreation

- * Buell Lake County Park Improvements

Genesee County Purchasing

- * Government Section Corner Survey and Remonumentation

Genesee County Road Commission

- * McCandlish and Saginaw Road Intersection Improvements
- * Saginaw and Baldwin Road Intersection Improvements

Grand Blanc Township

- * 12" Watermain Reid Road
- * Forcemain Relocation Design at McCandlish and Saginaw Roads

City of Grand Blanc

- * Perry Road Bike Path
- * Perry and Saginaw Road Left Turn Lane
- * Saginaw Road - Crane Drive Right Turn Lane
- * Via Catherina Storm Sewer Improvements
- * Grand Blanc Town Square Re-Development
- * Drainage Study Layman Drain

Development (Subdivision, Condominium, Ski Lake, and Commercial) Projects

- * Industrial Park - City of Fenton - FormSpec
- * Open Space Plan - Mundy Twp - Crosswinds Communities
- * Private Waterski Lake - Forrester, MI - Vandergraaff Construction
- * Nepessing Lakeside Condominiums - Lapeer - Carp River
- * Four Seasons Estates - Richfield Twp - Alta Vista Builders

- * Stockbridge Commons No. 8 - Grand Blanc Twp - Aukers
- * Sanders Pond No. 2 - Mundy Twp - Canyon Oaks Development
- * Meadow Walk - Grand Blanc Twp - Crosswinds Communities
- * Woodside Trails - City of Mt. Morris - Crosswinds Communities
- * Berkshire - Mundy Twp - Del Pratt Building
- * Wyndemere West - Mundy Twp - Del Pratt Building
- * Morgan Manor - City of Grand Blanc - Fundamental Investments
- * Woods at River Ridge Phase II - Argentine Twp - Harrold Developments
- * Hidden Oaks No. 3 - Grand Blanc Twp - Intrepid Development
- * Cobblestone Park - Davison Twp - Lausman Properties
- * Osburn Lakes - City of Owosso - City of Owosso & Woodside Builders
- * Sandalwood South - Grand Blanc Twp - Sandalwood South Corp.
- * Woodridge Farms No. 4 - Davison Twp - Woodmark Properties

When it comes to effective business communication, choose your words much as you would select the right tools for other important tasks. Keep in mind that while a healthy vocabulary is important, you should steer clear of using abstract or obscure terms. An easily understood, concrete word or phrase is the simplest way to prevent errors or misunderstandings. Other reminders: Be clear and concise, and tailor the message to the audience.

- Paraphrased from *The Elks Magazine*, March 2003

Gould Giving Back to the Community

- * Made a donation to the Grand Blanc Parks and Recreation for Annual Hard Time Party
- * Made a speech to the International Federation of the University of Women
 - * Day on the Job - Kearsley High School
- * Project Graduation for Grand Blanc and Linden High Schools
- * Community Sponsor for Grand Blanc Kiwanis Club
- * Laser Tag Sponsor for the Linden Summer Happening
 - * Sponsoring a Hole for the Genesee County Food Advisory Board Golf Outing

Continuing Education for Gould Employees

By: Amanda Popilek

Since our last newsletter the following staff attended the listed seminars or continuing education classes:

Kevin Cleaver, P.S.

* FEMA for Land Surveyors
(Land Surveyor's Workshops)

Lisa Easterwood, C.S.T.

* Small Town Success Strategies (MSU)
* Zoning and Land Use in MI (Lorman Education)

David Hiler, P.E.

* Storm Water and the Law (MWEA)

Dan Howey, C.S.T.

* Exploring MI Boundary Laws (Prof. Edu. Systems Inst.)

Deb LaJoyce

* Motivating & Managing the Next Generation (ACEC/MI)

Greg Lamkin, E.I.T.

* Eval. and Rehab. of Pavements (University of Wisconsin)
* 14th Ground Water Conference (MWWA)
* Geosynthetics (LTAP/MTU)

Vic Lukasavitz, P.S.

* Board of Engineers
* Board of Surveyors
* Small Town Success Strategies (MSU)
* Exam (299 Committee)
* Project Mgmt - Road to Profitability (ACEC/MI)
* Zoning & Land Use in MI (Lorman Education)
* Original Instructions, Case of Acquiescence, Legal Research, Boundary Law, MI Licensing Qualifications, Forensic Surveys, Local Survey Research & Law & Affect on Surveying (MSPS)
* Motivating & Managing the Next Generation (ACEC/MI)

Ryan Lynn

* Soil Erosion Workshop (MDEQ)

Tom Maier

* AASHOTO Green Book (MSU)
* FieldManager's User (ACEC/MI)

Steve Nagy, P.E.

* Limiting One's Liability (ACEC/MI)

Kevin O'Brien, P.S.

* Tools for Improving Survey Operations (Burt & Mullett)
* Original Instructions, A Surveyor In Court, Legal Research (MSPS)

Geric Rose, P.S./E.I.T.

* Using HEC-RAS to Compute Water Surface Profiles (Univ. of Wisconsin)
* Riparian Rights & Condo. Updates (MSPS)

Chris Smigielski

* Exploring MI Boundary Laws (Prof. Edu. Systems Inst.)

Marty Spees, E.I.T.

* 14th Ground Water Conference (MWWA)
* Reducing Traffic Congestion & Improving Traffic Safety through Access Management (Mich. Soc. Of Planning)
* Geosynthetics (LTAP/MTU)

Wendy Stacy

* Mistake Free Grammar (CareerTrack)
* Essentials for the Front Desk (National Seminars)

Bill Wascher, P.S.

* Exam (299 Committee)
* Original Instructions, Case of Acquiescence, Legal Research, Boundary Law, MI Licensing Qualifications, Forensic Surveys, Local Survey Research & Law & Affect on Surveying (MSPS)

Tom Wiles, S.I.T.

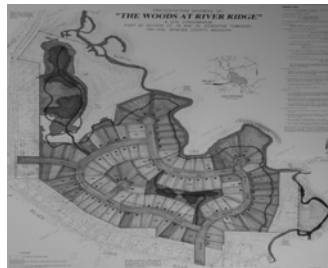
* Original Instructions, A Surveyor in Court, Legal Research (MSPS)
* Practice Real Estate Title Skills in MI (HalfMoon)

TEN MOST DAMAGING CAUSES OF POLLUTION

(taken from *Michigan Waterfront Alliance* Newsletter)

1. **SEDIMENTATION** caused by road runoff, construction sites, stream bank erosion, forest land erosion and oil, gas and other mineral production.
2. **SEPTIC SYSTEMS** which are inoperable, poorly designed or overtaxed.
3. **AGRICULTURAL PRACTICES** causing runoff of fertilizers, pesticides and wastes from feed lot abuses.
4. **STORM WATER MISMANAGEMENT** such as mixing storm and sewage drains and uncontrolled urban runoff.
5. **OVER-FERTILIZATION OF LAKEFRONT LAWNS.**
6. **OPEN SEWAGE AND INDUSTRIAL DISCHARGE.**
7. **PRODUCTION PRACTICES FOR OIL, GAS, AND OTHER MINERALS** including poorly designed casings and deterioration of casings.
8. **LOSS OF WETLANDS** which provide for waste filtering, flood retardation, and low flow augmentation.
9. **BURNING LEAVES AND BRUSH NEAR WATER.**
10. **ARTIFICIAL FEEDING OF WATERFOWL.**

The pictured project is "Woods at River Ridge" located in Argentine Township, Genesee County, Michigan. The project is an excellent representation of a modern progressive plan to develop land and still protect the natural environment and provide undisturbed open space. Please look forward to our next issue which will feature an article by Lisa Easterwood, C.S.T., Site. Dev. Design and Planning Coordinator, discussing more of our project approaches to open space and environmentally sensitive development design.



Modern open space approach to land development



Normal typical and traditional subdivision plan



A presentation board for ACEC design award competition

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Have a Happy Spring!

You will be receiving a letter in the next few months concerning our newsletter. It will be asking whether or not you would like to continue receiving it, if there are any other associates that would be interested in receiving it, and if you would like to receive our newsletter by e-mail instead of by regular mail. We appreciate your input.