

# LSSE News

LENNON, SMITH, SOULERET ENGINEERING, INC OFFERS ONE OF THE REGION'S  
LARGEST ENGINEERING UNITS DEDICATED SOLELY TO CIVIL ENGINEERING

## 30 YEARS!

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**Thanks to**  
*all of our Clients  
and Employees*

30th Anniversary Picnic





## LSSE and McMahon Associates, Inc. to Provide GIS / Asset Management Services

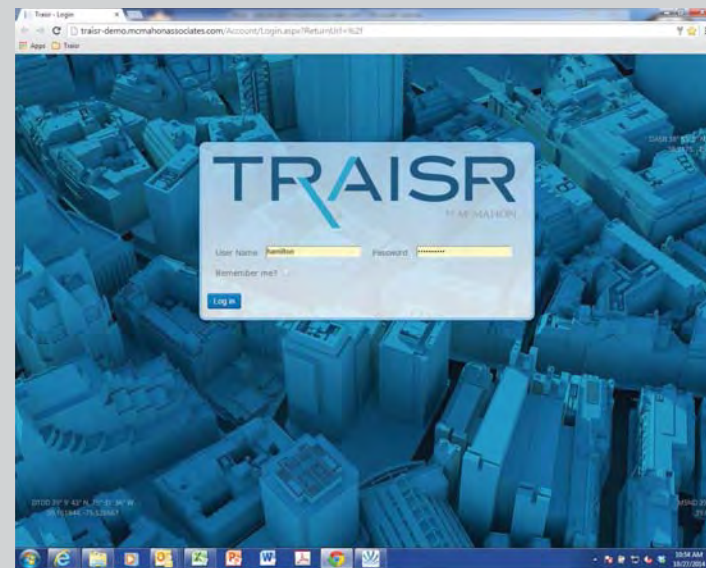
It was nearly two decades ago that LSSE and McMahon met on a local civil engineering project, while working for the same client. Over the last several years the firms explored a business relationship to deliver state of the art municipal asset management and Geographic Information System (GIS) services. That led to a new business relationship agreement to deliver Traisr™ throughout LSSE's municipal client network.

Traisr™ is a second generation application, developed by McMahon, as an asset and infrastructure management tool, which is web based and uses the Cloud for all data storage. It is specifically designed for the municipal

market and readily adaptable for use within LSSE's existing municipal services platform including MS-4 documentation compliance, O&M data gathering/operations, permit tracking and asset inventory/management.



Traisr™ allows for different departments within an organization to seamlessly work together, via the cloud environment. All of the data is secured in one location, and can



be accessed from any web-browser or mobile device. Traisr™ is also cross-platform compatible, so data is accessible from any device, including computers/laptops, tablets and phones. It is built on the latest technologies, and its architecture is designed for the cloud. The system is completely expandable, where you can start out with as little as you need, and grow when you require more functionality.

Traisr™ contains several working modules, such as Asset Centrl; Operations Centrl; Work Centrl; Inspection and Permit Centrl; Land Centrl and Citizen Centrl. The hardest working module is Asset Centrl which tracks everything from fiber optics to storm drains and facilities, to everything in between. With just a few clicks, you can find an asset's data, geo-location, images, videos, permits, plans, CAD files or any linked document you want. Contact Kevin Brett, P.E., Principal for more information.

## Tech Notes - Services for Properties in or near Special Flood Hazard Districts

As a result of the new National Flood Insurance Program (NFIP) flood insurance rate maps (FIRMs) and floodplain ordinances being adopted by municipalities, insurance and mortgage companies are requiring property owners to provide information regarding their property with the updated location of special flood hazard districts. Depending on the location, insurance rates may increase to reflect the true risk without federally subsidized insurance. Property owners must provide Elevation Certificates (EC) to establish the base flood elevation (BFE) on the property. Depending on the BFE location, the property owner may be required to flood-proof the structure or have the property or structure removed from the flood zone using a Letter of Map Amendment (LOMA).

In support of these new regulations, LSSE is providing the following services:

- Preparation of FEMA Elevation Certificate (EC)
- Preparation of Letter of Map Amendment (LOMA)
- Design of Flood Venting Structures

For additional information or to inquire about our services call our office or email [info@lsse.com](mailto:info@lsse.com) with the subject line "FEMA Flood Application and we will respond promptly to your request.



## New Projects and Clients

- SunCap Property Group hired LSSE for Land Development Plans for a proposed GE facility in Findlay Township.
- PA American has signed a 2015-2016 Biennial Agreement for civil engineering and surveying services.
- Center Township Water Authority contracted LSSE for the design of \$70 million water plant upgrade/expansion.
- New municipal clients: Brighton Township, PA; Ohio Township, PA; Borough of Rosslyn Farms, PA; Village of East Palestine, OH.
- LSSE recently was awarded a subcontract from Rudolph Libbe Construction for the FENOC Flex Building Stakeout.

## LSSE's Steven Farabaugh, Senior Engineer, spends time in Tapagém, Brazil, with Engineers Without Borders

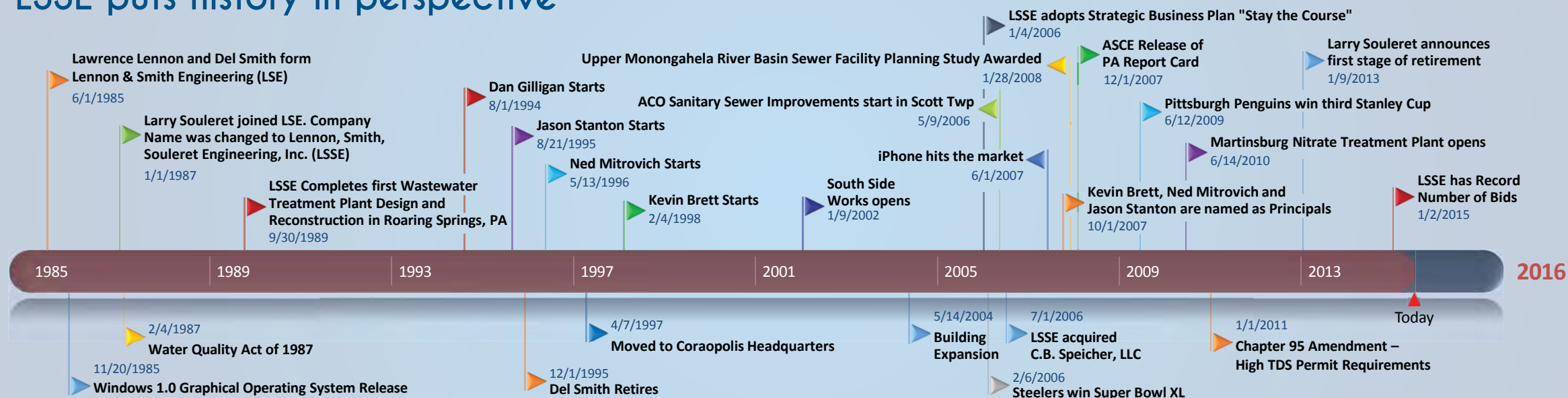
Steve was the Professional Mentor for an assessment trip to the Tapagém Community in Brazil conducted by the University of Pittsburgh Chapter of Engineers Without Borders. Engineers Without Borders USA is a non-profit humanitarian organization dedicated to building a better world through engineering projects that empower communities to meet their basic human needs.

Tapagém is a Quilombo community of approximately 200 people located in the northeastern corner of Brazil. The predominately self-sustaining community is a 24 hour boat ride from the nearest city, and has few means of communication outside of the village. Though situated along a tributary of the Amazon River in the lush rainforest, access to safe drinking water is a daily struggle for Tapagém. Water contamination causes chronic health problems within the community, particularly among children.

A sustainable water treatment solution is required to improve conditions and provide clean drinking water to Tapagém. During the assessment trip, the team evaluated existing water infrastructure, conducted water quality testing of different source waters, held water and sanitation educational programs, and recommended establishing a community committee that will monitor and maintain the project after implementation.

The Project Team plans to determine a viable solution based on the information gathered and return next year to work with local partners and the community to implement the solution.

## LSSE puts history in perspective





From top to bottom - Daniel Worth, Carl Decker, Samantha Mora and William Spanbauer

## Employee News

### New Hires

- Carl Decker, Zachary Hayes, Brandon Haygood, David John, Chris Macfarlane, Samantha Mora, Sara Powell, Noel Rangel, Sean Reese, Steve Schmitt, Rich Schubert, William Spanbauer, and Daniel Worth.

### New Arrivals



### Evelyn Eileen Bandi

Dave Bandi and his wife welcomed their daughter on March 28, 2015 at 12:13 a.m.

### LEED AP Certification

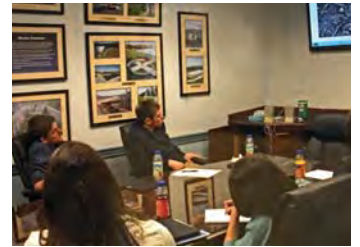
Congratulations to John Wright, III on passing his test for LEED accredited professional, with a neighborhood development specialty.

### GISP Certification

Congratulations to Gwen Zarko on receiving her GIS Professional certification. Gwen is responsible for development, creation, and implementation of GIS at LSSE.

### LSSE provides Job Shadow for Central High School

- Last spring LSSE sponsored a job shadow opportunity for high school students that are contemplating STEM (Science, Technical, Engineering, Math) subjects in the future. Jordan Devault, Rachel Gragan, Fiona McCarrell, Morgan Paul, Tora Scott, Dallas Jamery and Nick Unis learned about civil engineering work and procedures. Thanks to all that participated.



Visit [www.lsse.com](http://www.lsse.com)

### Lennon, Smith, Souleret Engineering, Inc.

LSSE News is published for the benefit of our clients, associates and friends.

Further information can be obtained by contacting

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Managing Principals: Lawrence J. Lennon, P.E., D.WRE;

Larry W. Souleret, P.E., P.L.S.; and Daniel S. Gilligan

Principals: Ned Mitrovich, P.E.; Jason E. Stanton, P.E.; and Kevin A. Brett, P.E.

MUNICIPAL | WASTEWATER & WATER | SITE DESIGN/LAYOUT | ROADWAY & PAVEMENT | STORMWATER | PARKS & RECREATION | GIS/MAPPING | GRANTS ADMINISTRATION



**Lennon, Smith, Souleret  
Engineering, Inc.**

Civil Engineers and Surveyors

846 Fourth Avenue  
Coraopolis, PA 15108



# 30th Anniversary Notes From LSSE Managing Principals



## Lawrence J. Lennon, President

June 1985 – Lennon and Smith Engineering. 2 employees. No formal business plan. No financing. No clients. Just a very strong belief that we could be more responsive to the engineering needs of local municipalities as opposed to the revenue demands of a large company. That was the start. Belief in a fundamental duty to improve our environment and to serve the citizens of our region made the first step easy – to start an Engineering group that would be dedicated to delivering the best engineering design and services our talents had to offer at a fair and reasonable cost. From there three guiding principles have always been at the core of Lennon Smith Souleret: high quality service; a willingness to listen to and learn from our customers, from each other, and from our profession; partnerships - working together with our clients and our employees. Adherence to these guiding principles is even more essential in this time of ever increasing cost and regulation as are an awareness that public funds are being spent and it is imperative to be mindful of those who pay the bills.

LSSE started with a foundation of learning - not only formal professional learning and development for the corporation and for our employees, but also learning from our customers. Our municipal customers know what outcomes they desire for their citizens; as their engineering firm, we supply our technical knowledge needed to make those outcomes happen. We follow with a dedication to asking our customers how well we are meeting their expectations, and what else we can do to make our services better.

Partnership has been a key — as strong and trusting partnership among the principals within our organization, partnership with our staff, and a partnership with our customers.

These things are the foundation of the company – but the key to our success has been applying these principles through our outstanding employees. Each of our employees demonstrates high quality service, a commitment to learn new ways, and a commitment to work in partnership with each other, with other state, local and federal agency representatives, and with employees of our customers.

June 2015 – Lennon, Smith, Souleret Engineering, Inc. 80 employees. 64 and counting City, Borough, Township and municipal authority clients, more than \$200 million infrastructure and site work constructed value, and an overall Client Satisfaction Survey rating of 4.7 on an scale of 5.0. It started with a vision that Municipal clients deserved to receive better quality service, timely response, and attention to their issues. *And so it continues...*

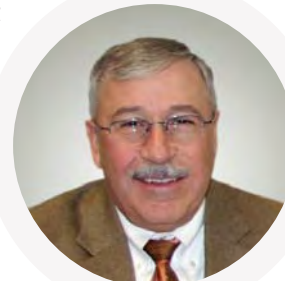
## To all our clients, employees, and partners, Thank You.

*To H. Del Smith Friend, Partner, Mentor Rest in Peace.*

## Daniel S. Gilligan, Vice President

Many of you may not be aware that Larry Lennon, Del Smith and I worked at a predecessor firm and in the same department in the mid 1970's. I left that firm in 1977 to help form a new start-up civil firm. Larry and Del formed Lennon, Smith Engineers in 1985 and Larry Souleret joined in 1987. I bumped into Larry Lennon in 1990 at a conference, started talking initially about a merger with my current firm and a few years later joined LSSE as an owner. That was 21 years ago when our three children were coming up through elementary and high school and on their way to college. Under those circumstances it wasn't an easy decision to buy in to a small (12 person) firm leaving behind a very comfortable, 10 - yr position with an ENR Top 500 A/E firm. Pretty risky + assume more debt + no guarantees,

*continued on back*



## Larry W. Souleret, Vice President

Thirty years pass by quickly especially when you enjoy your work and those people you work with, partners, employees and clients. It seems like yesterday (1985) when Larry Lennon and Del Smith moved in with me and my partner Maurice Moore, to share office space in Hopewell Township. In 1987, I would join Del and Larry and the firm grew from there. In 1994, the firm changed again with the addition of Dan Gilligan. It has been a wonderful thirty years thanks to all of you.

As some of you know, I have decided to enter another phase, retirement. I have decided to slow down and reduce my working days and let the younger owners

*continued on back*

*Gilligan continued:* but lots of potential. So, 21 years later LSSE celebrates its 30th Anniversary, as an 80 person firm, a standard bearer in its market, with client testimonials rating our performance between excellent and outstanding. How does that happen? Of course there needs to be a catalyst, confidence, entrepreneurial DNA and unique leadership skills. But all of that goes nowhere without smart, hardworking, dedicated employees and trusted partners. Many good employees have come and some have gone, but our current team of employees and owners - which spans four generations, millenniums through traditionalist baby boomers - represents the best yet. *Thanks to them and our dedicated clients we anticipate many more anniversaries!*

*Souleret continued:* take over that work. I will continue to be involved, but to a lesser extent. LSSE will be in good hands.

It is rewarding to look back and see all that we have built and accomplished. To see all of the projects we have completed which now serve the public makes me proud to be an engineer. I also like to think I have helped with the career of some great young engineers and surveyors. None of what LSSE and I personally have accomplished could have been done without the help of LSSE's friends and employees. *Thank you for 30 wonderful years.*



## LSSE Principals: What makes LSSE stand out from its competitors?

**Jason Stanton**, Assistant Vice President of Administration, provided this answer about this LSSE:

*"I believe the three key differentiators with respect to LSSE's services are: attention to detail, client satisfaction and level of commitment. In terms of employment longevity, I've never given it much thought as the demands of each day override looking back 20 years. Without sounding too 'cliché-ish', perhaps I don't know anything other than 'staying the course'."* – JASON STANTON

"Staying the course" is certainly something Jason has done in many respects since starting with the company right after graduating University of Pittsburgh, Johnstown campus in 1995.

**Ned Mitrovich** is Assistant Vice President of Technical Programs. He started working for the company in 1996.

*"I took a position with LSSE as I saw an opportunity to learn and develop the 'trade'. As I look back, I can say it was a wise choice. The talented and hardworking staff within LSSE foster a culture of continual learning and constant exposure to different disciplines and challenges. It is this culture that permits LSSE to deliver cost-effective solutions and technical advice to our clients. There is always a 'go to' person to seek advice and/or give advice."*

– NED MITROVICH

Ned manages the Civil Environmental Design department.

**Kevin Brett**, who is Assistant Vice President of Operations, believes Strength is one of LSSE's greatest assets.



*"Strength in knowledge and unique personalities of our employees who offer the best in the industry to our clients. Initially, I stayed with the company because of the engineering challenges, type of projects, and the opportunity to work with experienced mentors like Larry Souleret. Then over the years, Ned and Jason became like brothers to me and with the bond we have, I knew 'we' would do great things and provide the stability and foresight as the next generation of proud owners of LSSE."*

– KEVIN BRETT

Kevin started working for the company in 1999 and when LSSE purchased C.B. Speicher Engineering, LLC in 2006, Kevin became Branch Manager.



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