



**ANTHONY PANICCIA, PE, JD**  
President & CEO

## MESSAGE FROM THE PRESIDENT

The joyous Christmas season is upon us. As I reflect on the blessings of the year, I would like to take the time and say “Thank You” to all of you for your loyal support of **Delta Engineers, Architects, & Land Surveyors, DPC**.

Calvin Coolidge once said *“All growth depends upon activity. There is no development physically or intellectually without effort, and effort means work”*.

**Delta** has worked very hard and many opportunities have arisen. Those opportunities have allowed us to grow with the addition of several acquisitions.

In February, **Delta** acquired Haas Landscape Architects, a locally based firm owned by Michael Haas, RLA. This acquisition provided our clients access to award winning landscape architectural services. Haas has dedicated 28 years of service to the Greater Binghamton community.

In November, **Delta** acquired Southern Tier Surveying, Inc., a locally based surveying firm owned by Roger H. Holmes, PLS. Southern Tier Surveying, Inc. provided professional land surveying services to municipalities, private, and construction contractors. The firm covers the Southern Tier of New York and northern Pennsylvania.

In December, **Delta** acquired Lewis Engineering, P.C. located in Albany, New York. Lewis Engineering provided mechanical, electrical, plumbing, and consulting engineering services to mostly public-sector clients—particularly the surrounding K-12 school districts. The acquisition led to relocation of the offices to Mohawk Harbor in Schenectady, New York.

Some of our company highlights for the year:

- Having 40 Registered Professionals on staff
- Becoming an ISO 9001:2015 Certified organization
- Growing our firm from 120 to 150 persons
- Adding a satellite office located at Mohawk Harbor in Schenectady, New York.
- Continuing Delta’s philanthropic efforts (see pg. 2)

I can best sum up **Delta’s** past year performance with a quote from Colin Powell - *“Success is the result of perfection, hard work, learning from failure, loyalty, and persistence”*.

**Delta** would not be where we are today if not for all the hard working, talented, and dedicated employees and the loyalty of our Clients.

On behalf of **Delta Engineers, Architects, & Land Surveyors, DPC**, I would like to personally say “Thank You” to my staff, as well as all of you who have continued to believe in us!

I would like to wish you and your families a prosperous 2019 filled with peace, health, and happiness.

**Merry Christmas!!!**

For more information contact Anthony Paniccia, PE, JD, President & CEO at (607) 231-6610.  
Email: [apaniccia@delta-eas.com](mailto:apaniccia@delta-eas.com)



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### OFFICE LOCATIONS

**Greater Binghamton Region**  
860 Hooper Road  
Endwell, New York 13760

**Syracuse Region**  
4873 NYS Route 5  
Vernon, New York 13476

**National Capital Region**  
8401 Connecticut Ave, Suite 350  
Chevy Chase, Maryland 20815

**New York State Capital Region**  
220 Harborside Drive, Suite 203  
Schenectady, New York 12305

**Scranton Region**  
12 Frear Hill Road  
Tunkhannock, Pennsylvania 18657



**JAMES MCDUFFEE, PE**  
VP & Chief Operating Officer



# OPERATIONS



## QUALITY MANAGEMENT SYSTEM UPDATE

I am thrilled and blessed to once again be able to share the exciting updates in our Quality Management program. 2018 marked the successful certification of Delta's Quality Management Program to the newest ISO standard – 9001:2015. We are very proud that a detailed audit of our disciplines and offices by an Independent Auditor (from DQS Inc.) resulted in zero findings of non-compliant work across all our offices.

The key changes to our program are the introduction of processes for earlier identification and planning of objectives, and the assessment of risks and opportunities associated with our ability to deliver services and products that meet your requirements and exceed your expectations.

An outcome like this doesn't result without several key ingredients:

- First and foremost, the drive and dedication of our talented staff to produce top-quality work
- A strong company commitment to a comprehensive quality management program and the concept of continual improvement
- Helpful and much-appreciated client feedback that continues to guide us toward better ways of producing and delivering our services
- A continuous assessment of several key performance indicators across our groups/offices

Our company Quality Policy involves making something in Delta world better every day. We all strive to adhere to this policy as we march forward in alignment with you, our partners.

I hope you all enjoy reading this edition of our newsletter as much as we like compiling and sharing our news with you.

***Have a Wonderful Holiday Season!***

For more information call (607) 231-6621, or email: [jmcduffee@delta-eas.com](mailto:jmcduffee@delta-eas.com)

### SUPPORT STAFF



**DOREEN DEBENEDITTS**  
Administrative Assistant



**KIM SEAVEY**  
Administrative Assistant



**EILEEN HEATON**  
Administrative Assistant



## 2018 DELTA SUPPORTS OUR COMMUNITIES

*We are proud to support many partner organizations in our communities.*

ACHIEVE Bowling Tournament  
 All Saints School  
 American Heart Association  
 A Room to Heal  
 BCC Foundation  
 Binghamton High School Boys Basketball  
 Binghamton Bulldogs  
 Binghamton On Tap  
 Binghamton Philharmonic  
 Binghamton Zoo at Ross Park  
 Binghamton University Forum  
 Binghamton University Newman House  
 Boys & Girls Club of Western Broome  
 Broome County Council of Churches  
 Broome County Habitat for Humanity  
 Broome County Humane Society  
 Business of University Schools  
 Candor High School Music Department  
 Catholic Charities of Tompkins/Tioga Counties

Catholic Schools of Broome County  
 Chenango Forks Community Association  
 Chenango Forks Basketball Boosters  
 Chenango Forks High School Hockey  
 Children's Home of Wyoming Conference  
 Church of the Holy Family  
 Cincy Future Athletic Club  
 CF Empire  
 CNY Ronald McDonald House  
 David Fillers Memorial Golf Tournament  
 David Fillers Scholarship Fund  
 Dining for Dollars  
 Down Syndrome Information Network Buddy Walk  
 Duca Degli Abruzzi Lodge #443  
 Edward P. Maloney Memorial Pipe Band  
 Empire Road Race Series  
 Endicott Fire Department  
 Endicott First Presbyterian Nursery School  
 Endicott Holiday Parade

Endicott Performing Arts Center  
 Endwell United Methodist Church  
 Fred Akshar for Our Future  
 Friends of Billy Barlow  
 Goodwill Theatre, Inc.  
 Greek Orthodox Church of the Annunciation  
 Greene Middle School  
 Habitat For Humanity  
 John Mack Foundation, Inc.  
 Kopernik Race to the Stars  
 LGT Tennis Challenger  
 Little Italy Endicott  
 Lourdes Auxiliary  
 Lourdes Foundation  
 Lourdes Hospital  
 LUMA Projection Arts Festival  
 M&T Bank Corporation  
 Maine-Endwell Baseball, Inc.  
 Maine-Endwell Boys & Girls Basketball



**DAVID CHAMBERS**  
Chief Financial Officer



# FINANCE & HUMAN RESOURCES

## A HEALTH INSURANCE JOURNEY (ONE YEAR LATER...)

In our 2017 newsletter I provided a brief overview of Delta's decision to leave the Fully-Insured marketplace for health insurance and join a Group Captive where claims would be paid out in a three-tier arrangement: claims below a certain threshold paid directly by Delta; claims above that threshold, but below a specific cap, shared by all Captive members; and claims above the cap paid by the Captive's Stop-Loss Carrier. Being too small to fully Self-Insure we hoped that participating in the Captive would allow us to save premium dollars by positively impacting the claims within our tier, where the majority occur, through a combination of plan design and the implementation of a strong Wellness Program throughout the organization.

Unfortunately, I can now report that our

two years in the Captive were not financially positive and we will be returning to the Fully-Insured marketplace in 2019. While our outcome may not be representative, I believe that there were two primary reasons for our negative experience. First, with the additional insight into our plan usage we found that we had historically benefited from being community rated when we were in the Fully-Insured marketplace and second, while the annual percentage increases in our medical claims had stabilized in recent years they had been more than offset by increases in our prescription drug costs, especially those designated as "Specialty" drugs, defined by Magellan Rx Management as "high-cost oral or injectable medications

used to treat complex chronic conditions." As always, when a risk can't be controlled see if it can be diversified away, and so we return to the Fully-Insured marketplace - hopefully a little wiser.

***I wish you all the happiest of New Years and look forward to updating you on our progress.***

For more information call (607) 231-6630, or email: [dchambers@delta-eas.com](mailto:dchambers@delta-eas.com)

### HR & FINANCE STAFF



**KELCIE GUCCIA**  
Human Resources Coordinator



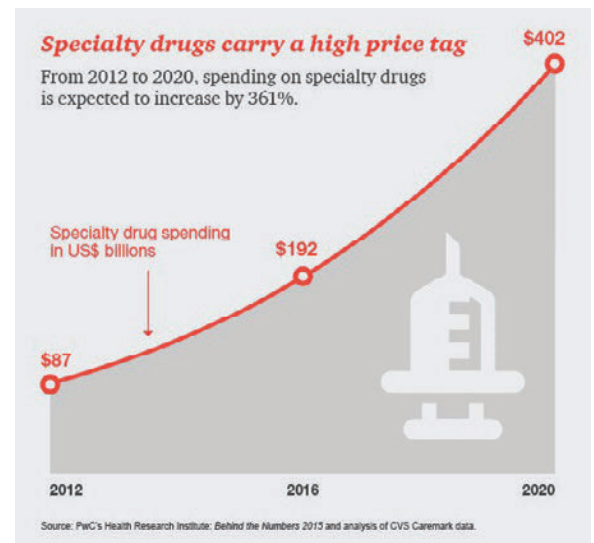
**BRITTANY SPRITZER**  
Accountant



**HEATHER FISH**  
Accountant



**ASHLEY STEPHENS**  
Accountant



Maine-Endwell High School Dollars for Scholars  
 Maine-Endwell Football Program  
 Maine-Endwell High School After Prom Party  
 Maine-Endwell Middle School  
 Maine-Endwell Music Boosters  
 Maine-Endwell Softball  
 Make-A-Wish Central New York  
 Maloney Memorial Pipe Band  
 Meals on Wheels of Western Broome 5K Walk and Run  
 Mercy House of the Southern Tier  
 Mirabito-Broome County Distinguished Citizen  
 Mothers & Babies Perinatal Network  
 NYSATE Section 9 Golf  
 NYSCHSA Yearbook  
 NY Upstate Chapter ASLA  
 O.L. Davis Fire Company  
 Oxford Academy and Central Schools  
 Roberson Museum and Science Center  
 Rumble Ponies Softball  
 SEPP Inc. Foundation  
 Seton Catholic Central High School

Sons of Italy  
 Southern Tier Heart Walk  
 Southern Tier Scholastic Science Fair  
 Spiedie Fest & Balloon Rally  
 STEAM Regional Music and Arts  
 St. Anthony of Padua  
 St. Joseph's Church  
 St. Patrick's Church  
 Syracuse Catholic Women's Conference  
 Taste of the Tier  
 Tennis Charities of Binghamton, Inc.  
 The Constance Foundation  
 The Village of Endicott  
 The Village of Endicott "The Stage at Little Italy"  
 Tioga Chamber of Commerce  
 Tioga Opportunities, Inc.  
 Tioga Women's Leadership Conference  
 Tremor Travel Softball  
 UHS Golf Tournament  
 Union Endicott Boys & Girls Basketball  
 Union Endicott Lacrosse

Union Endicott Mock DWI  
 Union Endicott Music Department  
 Union Endicott Tigers Softball  
 Union Endicott Italian Exchange Booster Club  
 Union Endicott Sideliners Soccer Booster Club  
 Union Endicott Tiger Hockey  
 Union Endicott Football Booster Club  
 Union Endicott Little League  
 Union Endicott Varsity Cheerleading  
 United Health Services Foundation  
 United Way of Broome County  
 University Sports Publications  
 Vestal High School All Nighter  
 Vestal High School Football  
 Vestal Teener Baseball  
 Vestal Youth Soccer  
 VVS Sports Booster Inc.  
 YMCA of Broome County  
 4 on the 4th Road Race





**RICHARD SANGUINITO, PE, LEED AP**  
*Vice President/Director of Facilities Services*



# BUILDING FACILITIES

## PROFESSIONAL RESPONSIBILITY

Over the years the one question that comes up with some clients is, "Why do I need to hire a professional when I can deal directly with a contractor?" When this occurs, this is a teaching moment. One of the many obligations of this profession is to educate an Owner why they need to hire an Architect and or Engineer for construction activities.

I explain that the building environment is regulated by many codes and standards. Based on the anticipated construction needs, these codes and standards must be applied to the particular situations. The governmental entities require that documents for construction meet minimum code standards. These codes are intended to serve the general well being of the public safety. Therefore, the Permitting agency requires stamped documents by a professional in good standing

to be submitted for the construction permit to show compliance with these obligations.

The codes and standards have been developed based on historical situations where out of tragedy life has been lost. After these events, the situations have been studied to determine how this can be prevented in the future. Through evaluating these situations, the development of building construction along with occupancy class and facility utilizations, codes have been developed to describe the minimum safety requirements given desired programming and use of the construction.

The Architecture and Professional Engineering community provides the required professional services to work with an Owner to identify the needs of the Owner and to develop

construction documents that apply the requirements of the current codes and standards. Originally the codes and standards were developed over life safety concerns which included items such as, limited egress path distance, constructions for fire separations, emergency lighting, fire protection safety, earthquake restraint, and other physical safety concerns and requirements.

The different organizations and engineering societies developed minimum system requirements based on the types of systems to be installed to ensure they meet minimum standards to allow them to properly serve the occupants in the building. This includes but is not limited to the following to ensure the following systems are properly applied to the occupancy and activities of the facility.

## FACILITIES STAFF



**CRAIG WADEMAN, AIA**  
*Senior Project Architect*



**ROBERT WARHOLIC**  
*Project Manager*



**MAXWELL BENDERT, AIA**  
*Senior Architect*



**RICHARD BOYLE II, RA**  
*Senior Architect*



**DANIEL SPENCER JR.**  
*Senior Architectural Designer*



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*Assistant Architectural Designer*



**KRISTA FOX**  
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*Technician*



**MATTHEW PIERSON**  
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**JOHN SPRITZER III, PE, LEED AP**  
*Senior Structural Engineer*



**NATHAN CLARK, PE**  
*Project Engineer*



**BRIAN ELDRIDGE**  
*Project Engineer*



**CHRISTOS A. KATSOURIDES, EIT**  
*Assistant Engineer*



**MICHAEL HAAS, RLA**  
*Director of Landscape Architecture*



**JACOB VON MECHOW**  
*Assistant Landscape Architect*



**MICHAEL STAFFORD**  
*Construction Estimator/Administrator*



**GORDON OSTERHOUT**  
*Quality Control Reviewer*



**MICHAEL HEIKKILA, PE, CEM, LEED AP**  
*Project Manager*



**RICK ALLABAUGH JR., PE, LEED AP**  
*Project Manager*



**DONALD HARRIS, PE, LEED AP**  
*Senior Project Engineer*



**THOMAS COLWELL, CPD**  
*Senior Project Engineer*



**JOCelyn WHITTEMORE**  
*Project Engineer*



**DANIEL WENZEL, EIT**  
*Engineer*



- Structural building system sized to support the physical building loads and withstand required soil, wind and nature forces that may affect the structure based on location.
- Envelope compliance for the minimum thermal resistance, glazing, fenestration and air barrier requirement.
- Fire Resistance construction and building separations to protect the occupants of the building based on its activity.
- Programming and layout of the building to provide efficient operation flow and space utilization.
- Fire protection and alarm system to ensure occupancy notification and property protection.
- Domestic water and sanitary needs to ensure the water and sanitary services to the building are properly sized.

- Heating and cooling analysis of the anticipated construction to ensure proper ventilation cooling and heating.
- Power evaluation to ensure the power service to the building is adequate.
- Communication, security and other special systems.

The current new codes now focus on building energy efficiency and whole building performance. With the concerns of fossil fuel dependency, different renewable energy sources and other political and social concerns, energy has been a more predominate concern. Regulations want to make sure that low first cost desires do not construct a building that will have high annual energy usage and cost to operate. There needs to be a balance based on construction type, occupancy and use.

Given that so many situations that may or may not apply to a particular project, it is the design professional's responsibly to evaluate the code as it applies to the desired situation and to develop and deliver stamped documents for the permitting agency. The stamped documents provide the documentation needed so that the proposed construction has been evaluated and complies to the applicable codes and standards for construction to develop a safe and energy efficient building.

In closing, Delta Engineers, Architects & Land Surveyors, DPC would appreciate the opportunity to work with you on your next adventure in the construction world. Please feel free to call me to discuss how Delta can assist with your needs.

**God Bless, Merry Christmas and Happy New Year!**

For more information call (607) 231-6605, or email: [rsanguinito@delta-eas.com](mailto:rsanguinito@delta-eas.com)



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**SHAWN BIRCHARD, EIT**  
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**VINCENT FERRACCIOLI, PE**  
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**JESSUP DUMOND**  
Engineer



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**JAMES KAPUSCINSKI**  
Assistant Engineer



**CELINE YANG**  
Assistant Engineer







**JOSEPH MIECZKOWSKI, PE**  
*Director of Transportation Services*



# TRANSPORTATION

## ADDRESSING THE LOCAL INFRASTRUCTURE NEEDS - "TAKE 2"

In early 2018 New York State made over **\$260 million** available for local governments to rehabilitate and replace deteriorated bridges and culverts statewide as part of the second round of the **BRIDGE NY** funding program. This second round funding amount, an increase of approximately \$50 million from the first round of funding, is an investment by NY State in the local transportation infrastructure network and is designed to support the continuous needs of the traveling public, movement of goods and regional economic competitiveness.

The **BRIDGE NY** program, administered by the New York State Department of Transportation (NYSDOT), is a funding source that is open to all municipal owners (Counties, Towns, and Villages) of bridges and culverts. Projects are awarded through a competitive application process overseen by NYSDOT. Projects submitted for potential selection under the program are evaluated based various factors, including structural condition, hydraulic vulnerability, bridge significance, traffic volumes, and detour requirements.

The 2018 Round 2 selection process was completed in November of this year and resulted in over 165 projects being awarded. The projects were distributed as follows throughout the various New York State regional areas:

- **Capital Region:** 24 Projects – Awarded Funds = \$29.5 M
- **North Country Region:** 18 Projects – Awarded Funds = \$24.7 M
- **Mohawk Valley Region:** 14 Projects – Awarded Funds = \$25.3M
- **Central NY Region:** 17 Projects – Awarded Funds = \$23.0 M
- **Finger Lakes Region:** 20 Projects – Awarded Funds = \$16.7 M
- **Western NY Region:** 15 Bridge Projects – Awarded Funds = \$17.6M
- **Southern Tier Region:** 27 Projects – Awarded Funds = \$32.9 M
- **Mid-Hudson Region:** 25 Projects – Awarded Funds = \$33.0 M
- **Long Island Region:** 3 Projects – Awarded Funds = \$20.2 M
- **New York City Region:** 2 Projects – Awarded Funds = \$39.2M



This second round of funding brought much needed support to the local municipalities.

Several of Delta's design projects awarded as part of the first round of Bridge NY will be under construction starting in spring/summer of 2019 including:

- Broome County – Juneberry Road Bridge Replacement
- Broome County - Twist Run/ Nanticoke Drive Culvert Replacements
- City of Corning - Bridge Street Bridge Painting and Truss Repair
- Sullivan County – County Bridge 360 Rehabilitation
- Town of Union- Country Club Road Bridge Rehabilitation
- Oneida County – Utica Street Bridge Rehabilitation
- City of Ithaca – North Aurora Street Bridge Rehabilitation



### TRANSPORTATION STAFF



**CHRISTOPHER MABY, CPESC**  
*Senior Project Manager*



**PHILLIP MURPHY, PE**  
*Project Coordinator*



**WILLIAM SEAMAN, PE**  
*Senior Traffic Engineer*



**THADIUS DONOGHUE, EIT**  
*Engineer*



**STEVEN SANYSHYN**  
*Engineer*



**STEVEN SMITH**  
*Senior Technician*



**DAVID KENNICUTT, PE**  
*Senior Project Manager*



**TAMER OSMAN, PE**  
*Senior Project Manager*



**ROBERT JAHNELKA**  
*Senior Project Engineer*



**BRIAN TYLER, PE**  
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**RICHARD TREBILCOCK**  
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**DENNIS WILSON, PE**  
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For more information call (607) 231-6670, or email: [jmieczkowski@delta-eas.com](mailto:jmieczkowski@delta-eas.com)



**DARYL BURNS, PE**  
*Director of Specialty Precast Services*



# SPECIALTY PRECAST CONCRETE

## DARYL D. BURNS, PE ELECTED TO NPCA BOARD OF DIRECTORS

In case you don't know me let me give you a small amount of background. I am a lifelong resident of upstate New York born and raised on a local dairy farm. I have a BS degree in civil/structural engineering from SUNY IT. After graduation in 1998, I joined Delta and progressed through several engineering design and detailing roles working my way up to management, group leadership, and firm ownership responsibilities.

This past April I was nominated for election to the Board of Directors for the National Precast Concrete Association (NPCA). At the October convention in Providence, RI, I was humbled to be officially elected for a three year term.

NPCA is a 53-year-old worldwide association committed to industry leadership by promoting quality precast concrete across all markets, addressing industry challenges and developing opportunities for member success.

At the core of NPCA the team develops technical resources, administers the most trusted and respected precast concrete plant QAQC certification program, develops outstanding events for networking, encourages innovation, administers relevant education, builds relationships with specifiers, regulators, and federal, state and local agencies.

You may be wondering what does this mean for the end user of precast concrete products? As an end user, you can be assured that the quality bar is continually being raised to a point where NPCA certification is required by many State agencies. The result is precast concrete products that are highly sustainable building and infrastructure materials designed and manufactured to outlast traditional lower quality cast-in-place concrete.



As an association, NPCA represents over 110 different types of precast concrete products. To learn more about the various types and uses, please visit <https://precast.org/precast-products/>.

***Have a blessed Christmas and Happy New Year!***

For more information call (607) 231-6613, or email [dburns@delta-eas.com](mailto:dburns@delta-eas.com)



## PRECAST STAFF



**RICK AMLIN, PE**  
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**JUSTIN MARSHALL, PE**  
*Senior Project Engineer*



**YING LIU, PE**  
*Senior Project Engineer*



**ABDULLAH BOUDAQA, EIT, PhD**  
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**KRISTY SCALES, PE**  
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**GREGORY SHIRHALL**  
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**JOHN WAKE, EIT**  
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**GERALD PAGLIA JR.**  
*Engineer*



**GREGORY CARRIER**  
*Assistant Engineer*



**MICHAEL DIDAS**  
*Assistant Engineer*



**BENEDICT CABOT II**  
*Senior Technician*



**PETER SHEAHAN**  
*Senior Technician*







**AARON FALKENMEYER, PE**  
Vernon Group Director



# CIVIL ENGINEERING

## SURVEY & MAPPING

### OUR VERNON OFFICE

It has been said that the only constant in life is change. For the past several years this has been the mantra for our Team at the Vernon Office, and 2018 was no different. With our long time Land Survey Group Director, Bruce Snyder, LS, retiring in 2017 we welcomed Tom Parker, LS to the Team late last year. Tom has done an outstanding job acclimating to our office culture as he assumes a leadership role within our Land Survey Group. We expanded our Land Surveying capabilities and increased the efficiency of delivering our mapping products by adding a Field Technician, Kyle Chamberlain, to our Endwell, NY office. Kyle's nearly 20 years of experience and professional demeanor have proven invaluable to us. Most recently, Delta acquired Southern Tier Surveying in November. Former owner Roger Holmes, LS and his staff of Grant McHugh and Mark Frailey will also be supporting the team out of the Endwell, NY office. Their combined 77 years of experience in the land surveying and construction stakeout industry will undoubtedly fortify our ability to support our clients needs.

Our Civil Engineering Group experienced another outstanding year as Daniel Faldzinski, PE assumed the Director role. We were awarded several large projects that will keep us very busy in 2019 and beyond. We were fortunate to hire Curt Nichols, PE, who has joined our team as a Senior Project Manager. Curt brings many years of engineering experience and an engaging personality to the table. We look forward to collaborating with him in the upcoming year.

Most important to our success this year was our focus on continuous improvement through attentive implementation of our Core Principles. Daily observance of our commitment to quality, in all aspects of our working environment, allows our employees to thrive. We remain focused on our goals for growth and expansion in the CNY region as we seek out new opportunities that give us momentum into the future. As the holiday season brings a time of reflection, we would like to take this opportunity to offer our gratitude

and appreciation to our clients and partners who have continually supported us. We are extremely thankful for the impact you have made on our business. We look forward to continuing our relationship in 2019.

***From the Delta Team in the Vernon Office, we wish you and yours a safe and Merry Christmas and many blessings in the New Year!***

For more information call (315) 953-4200, or email [afalkenmeyer@delta-eas.com](mailto:afalkenmeyer@delta-eas.com)



### CIVIL & SURVEY STAFF



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Director of Civil Engineering Services



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Senior Project Manager



**JEREMY FENNEL**  
Project Engineer



**TODD KOGUT**  
Project Engineer



**CYNTHIA ZATWARNICKI, EIT**  
Engineer



**RYAN HTOO**  
CAD Drafter



**JASON SWISTAK**  
Technician



**THOMAS PARKER, PLS**  
Director of Survey & Mapping Services



**JOSEPH ARIGLIO**  
CAD Manager



**ROBERT COKUS**  
Survey Technician



**COREY KELLEY**  
Survey Technician



**JARED DICKINSON**  
CAD Technician



**CODY KOBLER**  
Survey Technician



**RACHEL BARNHART**  
Survey Technician



**WILLIAM BOCCHI III**  
Survey Technician



**SARA PICKETT**  
Survey Technician



**JENNIFER KEIL**  
Administrative Assistant



**ROGER HOLMES, PLS**  
Director of Survey & Mapping Services



**GRANT MCHUGH**  
Survey Technician



**MARK FRAILEY**  
Survey Technician



**KYLE CHAMBERLAIN**  
Survey Technician







**ERIC LORENZ, AIA**  
*Chevy Chase Group Director*



# ARCHITECTURE

## OUR CHEVY CHASE OFFICE

This time of year brings to a close the many events we have experienced and provides an ideal time for reflecting on the things for which we are thankful.

Recently I have been especially appreciative of the men and women who serve in all the branches of the United States Military. With the marking of the end World War I Centennial, the war to end all wars, I am reminded of the valor and bravery of the American soldiers from that era. I am also reminded that those who serve include not only careers typically associated with the military such as infantry, pilots and seamen, but also support operations including nurses, doctors, and engineers. I am awestruck by all of their bravery and professionalism and am deeply grateful for all levels of their service. I find myself searching for meaningful ways to show my support and appreciation for their dedication to performing duties in the service of the United States.

One of the ways I am realizing I can show support and appreciation is as an Architect. Our offices have the privilege of working for the Department of Veterans Affairs. Over the course of my career, I have had the distinct honor of working on projects for Veterans Hospitals and Medical Centers locally and nationally. These projects, including emergency rooms, operating rooms, outpatient clinics and doctors' offices have included renovation and addition for mission critical spaces that provide life sustaining support to patients. There are also projects that support the healing environments, such as lobby renovations to fire alarm improvements, which are equally important in supporting a VA Medical Center and ensuring better care for our veterans. We strive to design projects that are usable, functional, aesthetically pleasing and cost effective. When I have the opportunity to include veterans in the design process, I always find their participation extremely valuable, providing new insight and real-life perspective.

It is the collaboration between the architects and engineers in concert with VA staff that drives me as an architect to design projects that serve the mission of the Veterans Affairs and United States Veterans to the best of our ability.

To the men and women who serve the branches of the United States Military, you are truly great and we thank you.

For more information call (240) 744-1083, or email [elorenz@delta-eas.com](mailto:elorenz@delta-eas.com)



## CHEVY CHASE STAFF



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**MUHAMED RIDANOVIC, AIA**  
*Project Architect*



**LISA MATTA**  
*Senior Architectural Designer*



**ADA RIVAS**  
*Architectural Designer*



**LOUIS ARRIAZA**  
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**JUSTIN DEAN-HUNTER**  
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**KIYOU HOOSHIAR, PE, LEED AP**  
*Director of MEP Services*



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## CONDEMNED BUILDING ASBESTOS DEMOLITION



**STEPHEN PRISLUPSKY**  
Director of Environmental Services

Prior to the demolition of a building, a pre-demolition asbestos survey is required by both the EPA (NESHAPs 40 CFR Part 61.145 - Standard for Demolition and Renovation) and the New York State Department of Labor (NYS DOL Industrial Code Rule 56 Subpart 56-5.1). However, if the building has been determined to be structurally unsound by a licensed Professional Engineer, Registered Architect, Building Inspector, Fire Inspector or other official of competent jurisdiction and subsequently condemned by the Local Municipality or Authority having Jurisdiction, the survey requirements are waived.

Although there are many circumstances under NYS Code for a building to be condemned, the only situation where the pre-demolition asbestos survey is waived is if the building is condemned due to it being structurally unsound. This is based on the potential life and safety risks associated with an Asbestos Inspector entering the building. This potential life and safety risk also carries over to the Asbestos Abatement Contractor and his employees having to enter the building to remove asbestos prior to its demolition. In this situation, both the EPA and New York State Department of Labor have waived the requirement for the removal of the asbestos

containing materials prior to demolition and allow the Controlled Demolition of the building with the asbestos remaining in-place.

The NYS DOL Industrial Code Rule 56 Subpart 56-11.5 lists the requirements and work practices to be followed for the Controlled Demolition of a structure with the asbestos remaining in-place. The entire structure and surrounding area is isolated via the installation of fencing, barrier tape and signage. Additional isolation conditions require all adjacent building openings within 25 feet of the regulated work area be sealed. Entrance and exit of all persons and equipment are through one designated and controlled "access way" in the fence. The personnel decontamination unit must be located within the regulated abatement work area and an equipment decontamination area must be established within the regulated work area for cleaning of heavy equipment.

During demolition, water is continuously directed via fire hoses at the location of active demolition. All debris/waste generated by the demolition is also continuously wetted until it is loaded onto trucks, lined with poly and sealed airtight prior to transport, for disposal as Regulated Asbestos Containing Material (RACM). In order to minimize the RACM waste stream, structural members, steel components and similar non-suspect items are allowed to be cleaned/decontaminated and salvaged. All waste water generated is confined within the controlled regulated abatement work area by

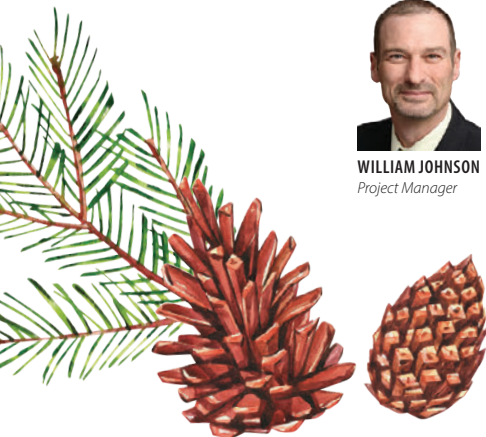
means of trenching or ditches and directed into a holding tank/area. The wastewater is then filtered prior disposal/discharge.

Air samples are collected during all active demolition operations. These samples are located at each perimeter of the fenced regulated abatement work area and within the work area at various locations. Upon completion of demolition, site cleaning and waste removal, a final visual inspection of the regulated work area is performed by the Contractor and a third party independent Asbestos Project Monitor. Upon passing of the Final Visual Inspection, final clearance air sampling is performed within the regulated work area and outside/adjacent to the area. Upon receipt of air sample results which meet the established clearance criteria, the asbestos demolition operations are considered complete.

Federal and State Asbestos Regulations have been established to protect the Public during asbestos abatement operations. But in situations where the life and safety of the various trades/workers involved with the asbestos abatement operations are also at risk, the means and methods outlined in the EPA and NYS DOL regulations for the controlled asbestos demolition of a structurally unsound/condemned building are utilized to protect everyone.

For more information call (607) 231-6674, or email: [sprislupsky@delta-eas.com](mailto:sprislupsky@delta-eas.com)

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## LEADERSHIP LESSONS

It just happened that I am sitting down to write my Christmas newsletter piece on the eve of Thanksgiving, a time when traditionally as Americans we are taking the time to pause and reflect on gratitude. This has been a particularly challenging year that has required a nearly constant demand for changes to the plans that I had laid out for what we would accomplish as a team. We acquired three small firms, added employees to accommodate growth in several groups throughout the company, and experienced staff turnover within our own team right in the middle of all these changes. That was just the unplanned part of our year. Growth and change have been the cornerstone of our year.

It has been a year that has pushed me outside my comfort zone both as a team leader and a technology professional. Because this is also the year that we started to change an internal dynamic to the roles within our team, a time when as the team leader I started to shift more of my technical responsibilities onto our System Administrator and he in turn shifted some of his technical responsibilities to an employee who joined our team just this year. This was one part of our plan for the year that

we could have pushed off for next year to accommodate the unexpected workload. It would have been easy to do that, to insist we were too busy, and we just needed to focus on getting things done. In doing that, I would have failed my team and changed the entire outcome of the year and an old cycle would have continued to repeat itself. I would have been facing the holidays exhausted, over-worked, and overwhelmed from the demands of trying to keep up, just completely buried in stress.

Instead, I sit here reflecting on the year and it feels like the best year of my professional career. Making the space, challenging my team and empowering them with the resources they needed to be successful trusting their judgement and creating an environment where everyone is encouraged to give feedback, share ideas and weigh-in

# INFORMATION TECHNOLOGY



on solving problems has enabled all of us to become fully engaged and rise up to do our best work. I am filled with gratitude for my amazing team, for their commitment to excellence, for their willingness to adapt to whatever changes are thrown at them, for their ability to learn and master new skills, for their commitment to improving the experience for all our employees, for teaching me and pushing me, for inspiring me, for doing the same for each other, all with a sense of humor and shared sense of purpose. I can't wait to see what the New Year will bring.

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# BUSINESS DEVELOPMENT



## A GOLDEN OPPORTUNITY FOR AGREEMENT

In today's highly charged political environment, getting to yes on anything of real significance and national import often seems impossible. Working together to focus on our common interests is often dismissed in favor of polarized positions that fuel the next election cycle.

The pressure on our roads and bridges, utility grids, transit systems, waterways, airports, and other infrastructure has never been greater. Anyone who has been inconvenienced by bridge closings, knocked their car out of alignment in a pothole, or boiled water at home due to a water main break has been reminded that our investments in these key assets has lagged.

President Trump promised that he would support a \$1.5 trillion investment on our national infrastructure. In March 2018, Senate Democrats proposed legislation that identified funding sources for \$1 trillion in new infrastructure spending. November's election results again triggered more promises of "transformational" infrastructure investments. Priority and funding for these projects are contentious issues, but healthy compromise and a willingness to put our national interests in front of political advantage would go a long way toward moving us forward.



Our global competitors are making these investments – witness China's One Belt One Road initiative that will connect mainland China with Eurasian commerce centers. In order to compete effectively, we need comparable commitment and vision from our leaders. These improvements are not expenses – they are investments. Smart public and private investments across the board will pay immediate dividends and position us for a more competitive and secure future. They are one of the best gifts that we can pass on to the next generation.

With both political sides in favor of these investments, it's hard to see additional delay as anything other than political positioning. Maybe it's time to insist that our leaders step up and put our future prosperity and security first.

**To our team partners and clients, thank you for placing your trust in Delta and best wishes for the holiday season!**

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# DELTA'S LATEST ACQUISITION



## DELTA WELCOMES OUR NEWEST ACQUISITION

Lewis Engineering was established in 1995 by a group of engineers whose goal was to create a firm where valuing its people and providing the highest quality engineering design services for clients were the priorities.

Our core principles are the foundation we are built on, providing the structure for achieving our goal:

- Employees will be treated with respect and considered in all our decisions
- Quality comes first, Client satisfaction is primary in our thinking and everything we do
- Fostering a collaborative work environment
- Continual improvement is a way of life

Our firm provides comprehensive mechanical, electrical and plumbing engineering services for the governmental, educational, institutional, and health care markets.

We have a diverse and experienced team of engineers, designers and support staff that are dedicated to maintaining a high level of service and value. Our mission is to instill confidence; confidence in our engineering and confidence that the Client's schedule and budget needs will be met.

We are very excited to be joining the Delta team and of the possibilities for the coming year. We are anxious to demonstrate what we can do and to contribute to the continued success of Delta.

For more information contact Rodney Lewis: [rlewis@delta-eas.com](mailto:rlewis@delta-eas.com)





# DELTA'S CORE PRINCIPLES IN ACTION



Above from left to right: Roberson Christmas Tree Decorating; 4 on the 4th Road Race Water Table; Vernon Team Volunteers at Rome Rescue Mission; SciGirls CONNECT event at BU; 2018 School to Careers Event; Steamfest; 2018 ACECNY EEA Awards Gala; 2018 United Way Day of Caring; 2018 Corporate Challenge; Wear Red Day.



**DELTA**  
 ENGINEERS, ARCHITECTS, & LAND SURVEYORS

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