



## Christmas Newsletter Volume 12

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### Office Locations

**Greater Binghamton Region**  
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**Syracuse Region**  
4873 NYS Route 5  
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**National Capital Region**  
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Chevy Chase, Maryland 20815

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

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An ISO 9001:2008 Certified Company



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 say a heartfelt "Thank You" to all of you for your loyal support of **Delta Engineers, Architects, & Land Surveyors, DPC.**

Christmas has a different meaning for all of us: the celebration of the birth of a child, a day to spend with family and friends, a day to give and receive, or a time to reflect and imagine what the next year might bring. Max Lucado once stated, **"Christmas is best pondered not with logic, but with imagination."** I would like to focus on this last statement and imagine, what might next year bring?

Before I look to what next year might bring, I always take the time to reflect on past years because they say history is the best teacher. In looking back on my tenure here at **Delta** as President, I had a vision and imagined building a company that prides itself on being the best that it can be through trust, honesty, dedication, and service to others. I believe over the years, **Delta** has achieved that. However, we can always improve. In looking at what next year might bring, let's try to improve by imagining a world where there is peace, love, and hope. Wouldn't that be wonderful? I think it would.

We must imagine what we want. Ray Bradbury states: **"Love what you do and do what you love. Don't listen to anyone who tells you not to do it. You do what you want, what you love. Imagination should be the center of your life."** I love what I am doing and I am doing what I love. We at **Delta**, want the same for our employees. We hire the most qualified and talented staff.



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

We place them in the right positions (to do what they love), and empower them to make the best decisions (love what they do). We give them the best technology to assist them in making these decisions. Our Vision statement embodies this:

**"Delta is a trusted, respected, growing leader providing dynamic, innovative, and progressive solutions that have a meaningful impact on our clients, our employees, and the communities we serve."**

Let's continue to imagine what could be! Through imagination, we can transform our environment, our communities, and our world.

Quoting Albert Einstein: **"Logic will get you from A to B. Imagination will take you everywhere."** Let's all reflect on 2017 and imagine what 2018 will be!!!

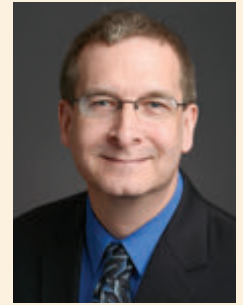
I would like to personally say **"Thank You"** from the bottom of my heart to my staff, as well as to all of you for your continued belief and trust in us!

**Merry Christmas and Happy Holidays!!!**

**May 2018 be filled with love, peace, joy, health, and happiness.**

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





James McDuffee, PE  
VP & Chief Operating Officer

## QUALITY MANAGEMENT SYSTEM UPDATE

2017 marked the successful Recertification of Delta's ISO 9001:2008 Quality Management Program. 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.

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 company quality metrics

Over the past several months, we've been migrating our QMS to be compliant with the newest ISO standard – ISO 9001:2015. 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.

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

### Have a Wonderful Holiday Season!

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



David Chambers  
Chief Financial Officer

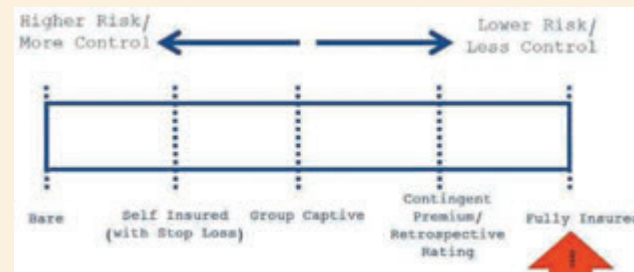
## A HEALTH INSURANCE JOURNEY

In the world of employee benefits, it is once again "Open Enrollment" time for our company-sponsored plans. As I was preparing for this article, I came across a memo I wrote in 2003 where I explained to our employees that, after numerous years of double-digit increases to our health insurance premiums, the company was going to begin passing along the increases (at least to a certain point) to those employees who chose our family-care coverage options. The balancing act then, as today, was to maintain Delta's high level of commitment to our employees, while at the same time acknowledging that those who utilize the plan the most should bear some responsibility for the cost.

Last fall, after fourteen more years of double-digit premium increases, the annual dance of premium-share adjustments and plan-design

changes, and watching the implementation (and ongoing repeal attempts) of the Affordable Care Act, we finally decided that it was time, with the help of our broker, to take a look at all of our options.

Given our current size, becoming Self-Insured was too risky of an option, and we were tired of the Fully-Insured market where we were community rated and had no insight into how



our rates were set, so we ultimately agreed to join a group of like-minded companies committed to two goals: improving the health and well-being of our employees and bending the health care cost curve downward for the first time in decades. Under this "Captive"



arrangement claims incurred by each participant up to a certain dollar threshold are paid for directly by Delta. Claims in excess of this level, but below a secondary threshold, are collectively paid for out of a pool that all Captive members contribute into, and claims in excess of that level are covered through the Captive's stop-loss insurance policy.

While we only have nine months of data behind us, the process has been eye-opening, and we are currently applying what we've learned to make plan adjustments for the coming year. In addition we are working to transform our Wellness Program into a catalyst for improving the health of our employees and

their dependents.

***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)

# BOILER REPLACEMENT CHOICES FOR LIGHT COMMERCIAL BUILDINGS

As I begin my 29th year at Delta, I often wonder when I will be designing a replacement for a boiler, air handler, chiller or other equipment that that I designed in my early years. And when that day comes, what will the current technology offer? How much will this new system advance from the units installed in the 80's or 90's?

The equipment may change and the efficiency may improve, but the fundamentals remain the same. When designing a heating plant for a light commercial/office building, one must remember that the primary engine is the boiler. The boiler unit provides the means to convert purchased fossil fuels into heat energy for your building system. The typical useful life span for boilers of this size is between 20 to 30 years. This is based on the type, manufacturer, and maintenance history of the boiler.

The most common reasons why boilers are replaced are unexpected failures, maintenance neglect, energy efficiency upgrades, or a proactively planned replacement based on boiler wear. Like most equipment, the most economical time to replace a boiler is during a planned shutdown of the boiler plant.

When replacing a boiler today, there are many considerations that you should evaluate:

- What fuel is available?
- What maintenance program is desired?
- Are staff dedicated to monitor and maintain a boiler?
- What equipment efficiency is desired?
- What boiler types and configurations are available and recommended for my operations?
- How many boilers are needed for my application?



- Is equipment redundancy required?
- How will the boilers be controlled?

The current trend for an efficient boiler plant is to consider concealed combustion condensing boilers. This option provides redundancy and allows for larger turndown ratios. Boiler plants of three to five units are more common today than in the past. Boiler systems can range from the simple 60,000 BTU/h boiler to a multimillion BTU/h boiler power house.

When selecting a replacement boiler, the following factors should be considered:

- Codes and standards requirements - these are typically governing mandates
- System output media (water or glycol solution are most common)
- Anticipated boiler load - system load, heating load, process load, and load diversity
- Number of boilers
- Performance considerations - down time, boiler turn down
- Special considerations - emissions, efficiency and system losses
- Available foot print, access considerations, available maintenance space



Richard Sanguinito, PE, LEED AP  
Vice President/Director of  
Facilities Services



- Weight consideration - is the boiler location structurally sound?
- Payback evaluation

All of these considerations can make it difficult to find the most efficient and adequate system for your building. Our experienced design engineers at Delta can assist and guide you through the pros and cons associated with heating plant design. Our staff will work with you to determine the proper application for your system.

Please consider Delta for expert guidance, design and construction administration services on your next boiler plant upgrade.

**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)





Joseph Mieczkowski, PE  
Director of Transportation  
Services

## ADDRESSING THE LOCAL INFRASTRUCTURE NEEDS

structural condition, hydraulic vulnerability, bridge significance, traffic volumes, and detour requirements.

The 2017 BRIDGE NY selection process resulted in 132 projects being awarded throughout New York State, distributed across NYSDOT Regions 1 through 11:

**Region 1:** 3 Bridge Projects and 7 Culvert Projects – Awarded Funds = \$7.60 M

**Region 2:** 11 Bridge Projects – Awarded Funds = \$13.1 M

**Region 3:** 12 Bridge Projects and 6 Culvert Projects – Awarded Funds = \$23.9 M

**Region 4:** 14 Bridge Projects and 7 Culvert Projects – Awarded Funds = \$15.4 M

**Region 5:** 11 Bridge Projects and 4 Culvert Projects – Awarded Funds = \$20.4 M

**Region 6:** 11 Bridge Projects – Awarded Funds = \$20.0 M

**Region 7:** 8 Bridge Projects and 4 Culvert Projects – Awarded Funds = \$14.0 M

**Region 8:** 13 Bridge Projects and 4 Culvert Projects – Awarded Funds = \$22.4 M

**Region 9:** 6 Bridge Projects and 7 Culvert Projects – Awarded Funds = \$11.7 M

In late 2016 and early 2017, New York State made \$200 million available for local governments to rehabilitate and replace deteriorated bridges and culverts statewide under the BRIDGE NY funding program. This investment in the local transportation infrastructure network is designed to support the on-going 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 open to all municipal owners (Counties, Towns, and Villages) of bridges and culverts. Project funding is awarded through a competitive process overseen by NYSDOT. Projects submitted for potential selection under the program are evaluated based on various factors, including



**Region 10:** 2 Bridge Projects – Awarded Funds = \$16.5 M

**Region 11:** 2 Bridge Projects – Awarded Funds = \$35.0 M

This new funding program brought much needed funding to the local municipalities. Our Transportation Group was fortunate to have been awarded several of the projects located in Regions 2, 3, 6 and 9. Final Design for these projects is scheduled for completion in 2018 with projects going to construction in 2019.

For more information call (607) 231-6670, or email: [jmieczkowski@delta-eas.com](mailto:jmieczkowski@delta-eas.com)



Lake Street over Fall Creek- City of Ithaca

# 2017

## Delta Supports our Communities

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

ACHIEVE Bowling Tournament  
All Saints School  
American Cancer Society  
American Heart Association  
American Red Cross  
A Room to Heal  
Autism Speaks, Inc.  
Baden-Powell Council, BSA  
Bandera Family Free Christmas Dinner  
BCC Foundation  
Binghamton High School Boys Basketball  
Binghamton Bulldogs  
Binghamton July Fest  
Binghamton Rescue Mission  
Binghamton Zoo at Ross Park  
Binghamton University Forum  
Binghamton University Newman House

Binghamton University Basketball/Event Center  
Boys & Girls Club of Western Broome  
Boy Scouts of America Baden Powell  
Breast Cancer Research Foundation  
Broome County Council of Churches  
Broome County Habitat for Humanity  
Broome County YMCA Corporate Challenge  
Chenango Forks Community Association  
Children's Home of Wyoming Conference  
Church of the Holy Family  
Cider Mill Stage  
Clocktower Theater Company  
Colgate University Basketball Program  
Daughters of Columbus Lodge 1666  
Davis Fillers Scholarship Fund  
Dining for Dollars  
Diocese of Syracuse/IGNITE 2017

Downtown Binghamton Business Association  
Duca Degli Abruzzi Lodge #443  
Edward Maloney Memorial Pipe Band  
Empire Road Race Series  
Endicott Fire Department  
Endicott Holiday Parade  
Endwell United Methodist Church  
Food Bank of the Southern Tier  
Greater Binghamton Chamber  
Greater Greene Chamber of Commerce  
Greek Orthodox Church of the Annunciation  
John Mack Foundation, Inc.  
Junior League of Binghamton, Inc.  
Little Italy Endicott  
Lives of Commitment  
Lourdes Auxiliary





Daryl Burns, PE  
Director of Specialty Precast Services

## PRECAST CONCRETE FEATURES & BENEFITS

Precast concrete is steel-reinforced concrete formed and cast within a manufacturing plant and then delivered to your project site ready to be installed and put into service immediately. This speeds up your project when compared to the slower field cast option. Field cast concrete is cast-on-site with less quality oversight and with the added disadvantage of having to wait 28 days for field curing to full strength. These days, time is money.

Precast concrete products can be as simple as unreinforced pavers used for residential sidewalks to as complex as a product like bridge beams with built-in pre-tensioned reinforcement. Other commonly used precast concrete products are buried vaults and manholes used for storm water drainage and treatment infrastructure. You may be asking yourself, why do we use precast concrete products for our storm water runoff and treatment systems?

I am a member of the National Precast Concrete Association (NPCA) Storm Water Management Committee and was recently on a small workgroup within the committee

tasked to develop the answer to the question "What are the top ten reasons to use Precast Concrete on your next storm water project". Here are the results:

1. Precast concrete is strong
2. Precast concrete is affordable
3. Precast concrete is durable
4. Precast concrete is contractor friendly
5. Precast concrete is fully customizable
6. Precast concrete meets state and federal requirements
7. Precast concrete is speedy
8. Precast concrete is green
9. Precast concrete has a small footprint
10. Precast concrete is local

These reasons do not only apply to storm water-related precast concrete products. They apply to all precast concrete products.

If you would like additional information regarding each of these precast advantages, please refer to this article on the NPCA site: <http://precast.org/2016/02/top-10-reasons-to-specify-precast-concrete-stormwater-products/>



Sustainability and green building practices are very high on our clients' priority list. Precast concrete will speed up your project, provide you with a sustainable infrastructure and get you points for being "Green". The Delta Precast Group offers design/detailing services to precast suppliers across the USA and Canada. Please consider the advantages of precast concrete and use precast on your next improvement project.

***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)



Lourdes Foundation  
 Lourdes Hospital  
 LUMA Projection Arts LLC  
 M&T Bank Corporation  
 Maine-Endwell Baseball, Inc.  
 Maine-Endwell Football Program  
 Maine-Endwell Hockey Club  
 Maine-Endwell Music Boosters  
 Make-A-Wish Central New York  
 Maloney Memorial Pipe Band  
 Mercy House of the Southern Tier  
 Mirabito Philanthropy, Inc.  
 Mohawk Valley Wrestling Club  
 Mothers & Babies Perinatal Network  
 National MS Society  
 O.L. Davis Fire Company  
 Pathways in Technology Early College High School  
 Roberson Museum and Science Center

Section III Athletics  
 SEPP Inc. Foundation  
 Seton Catholic Central High School  
 Sock Out Cancer  
 Southern Tier Heart Walk  
 Southern Tier Scholastic Science Fair  
 Spiedie Fest & Balloon Rally  
 St. Anthony of Padua  
 St. Joseph's Church  
 St. Jude Children's Research Hospital  
 St. Patrick's Church  
 Syracuse University  
 Tennis Charities of Binghamton, Inc.  
 The Ride for Missing Children  
 The Village of Endicott "The Stage at Little Italy"  
 Tioga Chamber of Commerce  
 Union Endicott Baseball Booster Club  
 Union Endicott Boys Basketball

Union Endicott Education Foundation  
 Union Endicott Girls Basketball  
 Union Endicott Tigers Softball Association  
 Union Endicott High School SADD  
 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  
 United Health Services Foundation  
 United Way of Broome County  
 University Sports Publications  
 Vestal Coal House  
 Vestal High School Football Program  
 VVS Little League  
 VVS Sports Booster Inc.  
 Whirlwind Volleyball Club  
 YMCA of Broome County



# Wishing you a Merry Christmas...



Anthony Paniccia, PE, JD, President & CEO



James McDuffee, PE, VP & Chief Operating Officer



David Asofsky, AIA, Director of Architectural Services



Eric Lorenz, AIA, Chevy Chase Group Director



Tom Sachs, AIA, Director of Architectural Services



Andrew McKernan, AIA, Senior Project Architect



Jim Carr, RA, Senior Project Architect



Lisa Matta, Senior Architectural Designer



Ada Rivas, Architectural Designer



Louis Arriaza, Assistant Architectural Designer



Justin Dean-Hunter, Assistant Architectural Designer



Craig Wademan, AIA, Senior Project Architect



Robert Warholc, Project Manager



Maxwell Bendert, AIA, Architect



Daniel Spencer Jr., Senior Architectural Designer



Richard Boyle II, Senior Architectural Designer



Matthew Brown, Assistant Architectural Designer



Jeremy Dearing, Assistant Architectural Designer



John Spritzer III, PE, LEED AP, Senior Structural Engineer



Elizabeth Telfer, PE, Project Engineer



Christopher Thomas, Project Manager



Brian Eldridge, Senior Engineer



Brian Haas, EIT, Assistant Engineer



Christos A. Katsourides, EIT, Assistant Engineer



Aaron Falkenmeyer, PE, Director of Civil Engineering Services



Daniel Faldzinski, PE, Project Manager



Todd Kogut, Project Engineer



Jeremy Fennell, Senior Engineer



Cynthia Zatwarnicki, EIT, Assistant Engineer



Michael Stafford, Construction Estimator/Administrator



Richard Sanguinito, PE, LEED AP, VP/Director of Facilities Services



Michael Heikkila, PE, CEM, LEED AP, Project Manager



Frederick Allabaugh Jr., PE, LEED AP, Project Manager



Donald Harris, PE, LEED AP, Senior Project Engineer



Thomas Colwell, CPD, Senior Project Engineer



Daniel Wenzel, EIT, Engineer



Mulekezi Sebuharara, LEED GA, Engineer



Theodore Karnak, EIT, Engineer



Patrick Heikkila, EIT, Assistant Engineer



Juan Arias, EIT, Assistant Engineer



Dimitris Konstantakos, Assistant Engineer



Kiyou Hooshari, PE, LEED AP, Director of MEP Services



Shawn Birchard, EIT, Senior Project Engineer



Vincent Ferraccioli, PE, Project Engineer



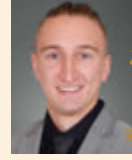
Sherill Braman, Assistant Engineer



Jessup DuMond, Assistant Engineer



Jared Shipos, Assistant Engineer



James Kapuscinski, Assistant Engineer



Daryl Burns, PE, Director of Specialty Precast Services



Rick Amlin, PE, Project Manager



Justin Marshall, PE, Senior Project Engineer



Ying Liu, PE, Senior Project Engineer



Gregory Shirhall, Project Engineer



Kristy Scales, PE, Project Engineer



Sallie Valentine, PE, Senior Engineer



John Wake, EIT, Assistant Engineer



Richard Bernard, EIT, Assistant Engineer



Gerald Paglia Jr., Assistant Engineer



Gregory Carrier, Assistant Engineer



Benedict Cabot II, Senior Technician



Peter Sheahan, Senior Technician

# ...from the entire Delta Team.



Michael Didas,  
Assistant Engineer



Stephen Prislupsky,  
Director of  
Environmental Services



William Johnson,  
Project Manager



Robert Cherevko,  
Project Manager



Cindy Ingraham,  
Environmental  
Scientist



John Muniak, ASP,  
Industrial Hygienist



Michael Staudt,  
Industrial Hygienist  
Technician



Thomas Ferro,  
Industrial Hygienist  
Technician



Joseph Seymour,  
Industrial Hygienist  
Technician



Michael Drobak,  
Industrial Hygienist  
Technician



Shawn May,  
Industrial Hygienist  
Technician



Gregory Umbra,  
Industrial Hygienist  
Technician



Marc Malizia,  
Industrial Hygienist  
Technician



Joseph Mieczkowski,  
PE, Director of  
Transportation Services



Christopher Maby,  
CPESC,  
Project Manager



Phillip Murphy, PE,  
Project Coordinator



William Seaman, PE,  
Senior Traffic Engineer



Thadius Donoghue,  
EIT, Engineer



Steven Sanyshyn,  
Engineer



David Kennicutt, PE,  
Senior Project Manager



Tamer Osman, PE,  
Senior Project Manager



Robert Jahelka,  
Senior Project Engineer



Brian Tyler, PE,  
Project Engineer



Richard Trebilcock,  
Project Engineer



Nazar Logvis, PE,  
Senior Engineer



Dennis Wilson,  
PE, Construction  
Supervisor



Bruce Snyder, PLS,  
Director of Survey &  
Mapping Services



Thomas Parker, PLS  
Survey Manager



Joseph Ariglio,  
CAD Manager



Robert Cokus,  
Survey Technician



Corey Kelley,  
Survey Technician



Cody Kabler,  
Survey Technician



Jared Dickinson,  
CAD Technician



Rachel Barnhart,  
Survey Technician



William Bocchi III,  
Survey Technician



Kyle Mitchell,  
Survey Technician



Sara Pickett,  
Survey Technician



Kim Collavo,  
Marketing Manager



Kim Collavo,  
Marketing Manager



Matt Hamilton-Jones,  
Proposal Coordinator



Shalene Chavez,  
Proposal Coordinator



Jen Putnam,  
Proposal Coordinator



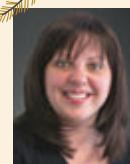
Doreen DeBenedittis,  
Administrative Assistant



Kim Seavey,  
Administrative Assistant



Rachael Foster,  
Administrative Assistant



Colleen Mulrooney,  
ITS Manager



Jason Medovich,  
Assistant System  
Administrator



Shawheen Farzad,  
PC/LAN Specialist



David Chambers,  
Chief Financial Officer



Keltie Guccia, Human  
Resources Coordinator



Kathleen Wolfe,  
Senior Accountant



Brittany Spritzer,  
Accountant



Gordon Osterhout,  
Quality Control  
Reviewer





## MAINTAINING YOUR PROJECT BUDGET



Eric Lorenz, AIA  
Chevy Chase Group Director

One of the most challenging aspects of any project is maintaining the client's construction budget. As Architects and Engineers, we often partner with a client to develop the initial scope of work and help to establish a construction budget. There are also clients with projects who engage our services with the scope and budget already set, and it is our task to deliver the design that fits within that budget framework.

Over the course of a project during design and construction phases, there is always potential for construction cost increases. With a properly established construction budget, it is our responsibility to maintain the budget as closely as possible, beyond the obvious causes for increases such as modifications in the scope of work,

additional services and unforeseen conditions. Sometimes funding is limited. The challenge of working within budget should not be considered a limiting factor that reduces the quality of the project – but rather a challenge that is actually part of the design. The rhetorical question is "How do we accomplish the budget goals without defaulting to selecting less expensive finishes or equipment?" There are many different ways to achieve this, but two to consider are program/plan analysis and establishment of a kit of parts.

At the start of the design, review the program thoroughly as part of the planning process. Consider options in combining the programmed spaces in direct and straightforward ways. An efficient layout may result in efficient construction that can translate to cost reduction. Also consider unique ways

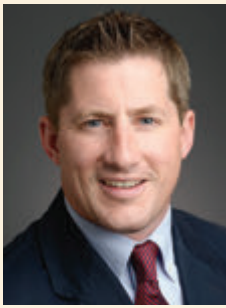
to combine program in the plan to satisfy the scope. An innovative approach may offer new and different ways to configure and use space that still meet a client's requirements.

As design progresses, establish a kit of parts both spatially and materially. The assemblage of regularized parts can aid in efficient planning and construction. It is important to remember that building construction already uses standardized parts or units such as studs, sheets of gypsum board and brick, therefore using standardization planning is an easily transferable concept that can help align the construction budget.

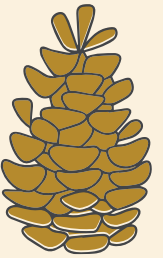
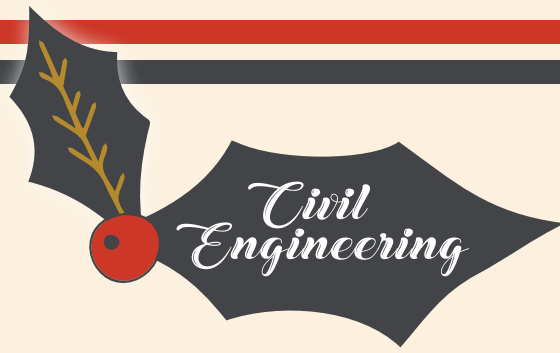
For more information call (240) 744-1083, or email [elorenz@delta-eas.com](mailto:elorenz@delta-eas.com)







## OUR VERNON OFFICE



Aaron Falkenmeyer, PE  
Director of Civil Engineering Services

2017 was another exciting and challenging year for the Delta Team in the Vernon Office. We had an exceptionally busy year as development activity in Central New York continued to rise. We were fortunate to welcome several new members to the Delta Team in Vernon over the course of the year. We were able to capitalize on our expertise in construction stakeout by providing support to contractors on many construction projects across the state, while continuing to develop our High Definition Laser Scanning (HDLS) capabilities.

We began the transition of our Director of Survey & Mapping Services, Bruce Snyder, into retirement and welcomed his replacement,

Tom Parker. Bruce will remain on our team on a part-time basis. Although he will be around, his daily presence and valuable experience will be missed. We wish our colleague and friend the very best in his much deserved retirement.

Our Civil Engineering Group expanded yet again as we worked to develop our core services while looking to utilize our extensive knowledge base to develop new services. Most important to our success this year was the continued development of the office culture and implementation of the Delta Core Principles. This framework fosters a positive work environment that allows our employees to thrive.

We're extremely excited to see what 2018 brings. Our desire to grow and continue

expanding our share of the regional market remains strong. We will continue to explore new opportunities and work to strengthen ties with our existing clients and partners as we maintain momentum into the upcoming year.

As we enter the holiday season, we would like to take this opportunity to thank our clients and those that have supported us throughout the year. Without you we would not be able to do what we do and for that, we are eternally grateful.

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

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





Colleen Mulrooney  
ITS Manager

## YEAR END DIGITAL HEALTH CHECKUP



Information Technology

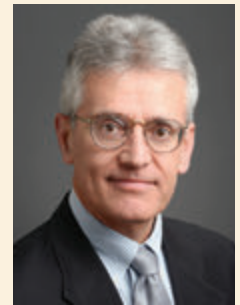
As we wind down the year, one of my favorite things to do is clear the clutter around me to make space for the coming year. The process itself may not be a whole lot of fun, but the result always makes me feel like I am making a fresh start. I always begin with the physical stuff, sorting, filing and recycling then move on to the digital world. Given the rise in cybercrime and the breach at Equifax that was announced earlier this year, I have added to my usual routine to include checking in on my credit and making early preparations for tax season so that I am ready to file when the forms arrive in the mail. A copy of my end of year checklist that you may consider using:

- Change all passwords, including my wireless router, making sure they meet the latest complexity requirements. Write them down in a notebook that is locked away from the computer or use a password manager.
- Setup Multi-Factor Authentication on accounts that aren't already protected.
- Make sure the virus scanner on my computer is in good working order and updated, then run a full scan of my computer. Verify that updates and a full scan are scheduled to occur daily and weekly respectively.
- Open Windows Updates, make sure Automatic Updates are turned on, run updates.
- Backup my phone to my computer. Change the pin on my phone.

- Backup my computer to an external hard drive and an online service. Unplug the hard drive from my computer so that it doesn't get compromised if I get hit with a virus.
- Clean out my files and email
- Change the settings on accounts that are sending me emails that I never read.
- Obtain copies of my credit report from all three credit reporting companies. <https://www.consumer.ftc.gov/>
- Shred any sensitive documents that are no longer needed.

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## MBE/WBE/SDVOB – LEVELING THE ECONOMIC PLAYING FIELD



Kim Collavo  
Marketing Manager

New York and many other states actively support equality of economic opportunities for minority and women-owned businesses (MBE and WBE or considered together, MWBE) and also service-disabled veteran-owned businesses (SDVOB). These state-level certifications are powerful drivers of business decisions in the architectural, engineering, and construction fields worth understanding for their implications and opportunities.

In New York, MBEs are at least 51% owned and operated by citizens or permanent resident aliens who are Black, Hispanic, Asian-Pacific, Asian-Indian Subcontinent, Native American or Alaskan Native while WBEs are at least 51% owned and operated by citizens or permanent resident aliens who are women. In order to be certified as an MBE or WBE, businesses must document compliance with program requirements which include independent day-to-day control of the business which has been active for at least one year, owner personal

net worth of under \$3.5 million, firm-wide employment of under 300, and more.

The Division of Minority and Women's Business Development (DMWBBD) is the New York State organization charged with certification and administration of MWBE programs. In addition to promoting business development through education, the DMWBBD encourages state agencies to award a fair share of contracts to MBEs and WBEs. Current New York combined MWBE participation targets are currently set at 30%, one of the highest goals in the nation. MWBE utilization on state contracts has more than doubled in the last five years.

These goals do not currently apply to state funding administered by municipalities and school districts. In 2016, Governor Cuomo proposed extending the 30% goal to all state-funded projects, not just agency and authority contracts. If this recommendation is adopted, an additional \$65 billion of state funding would be subject to MWBE goals. This would be a

significant regulatory change for our industry. The Service-Disabled Veteran-Owned Business Act was enacted in New York State in 2014 and established a 6% goal for participation in state contracts for SDVOB businesses. This law encourages eligible veteran-owned businesses to gain certification under similar criteria used for MWBE that also include disability ratings governed by the US Department of Veterans Affairs. The 6% New York SDVOB participation goal far exceeds the comparable federal goal of 3% and currently exceeds any other state level program in the US.

**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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Stephen Prislupsky  
Director of Environmental Services

## ASBESTOS SURVEY REQUIREMENTS



Back in 2013, Delta's Environmental Group addressed the question **"Is an Asbestos Survey Required for my Renovation Project"**. At the time, this question was frequently asked by both our public and private clients (including residential home owners), and is it still being asked today. As the majority of NYS local municipalities are now enforcing State and Federal asbestos survey requirements when applying for a building permit or demolition permit, we felt it was important to cover this topic again.

The answer to this question is still somewhat confusing based on the fact that the various State and Federal agencies that govern the asbestos industry each has their own regulations associated with survey requirements. New York State's Industrial Code Rule 56 Subpart 56-5.1, (b) states that a structure is exempt if it is classified as an agricultural building or if its original construction commenced on or after January 1st, 1974. But on the same page just two sections down in Subpart 56-5.1, (d), New York State is very clear in that their survey exemptions do not allow/grant relief from Federal EPA and OSHA Survey Requirements:

**"Responsibility To Comply.** No exemption to the requirement to conduct an asbestos survey shall exempt any person, asbestos contractor, property owner or business entity from the inspection or asbestos survey requirements of EPA, OSHA, and any other applicable section of this Part."

OSHA's survey requirements (29 CFR Part 1910.1001) state:

*"Employers and building owners are required to treat installed TSI and sprayed-on and troweled-on surfacing materials as ACM in buildings constructed no later than 1980 for purposes of this standard. These materials are designated "presumed ACM or PACM", and are defined in paragraph (b) of this section. Asphalt and vinyl flooring material installed no later than 1980 also must be treated as asbestos-containing. The employer or building owner may demonstrate that PACM and flooring material do not contain asbestos by complying with paragraph (j)(8)(iii) of this section" (i.e. sampling)."*

EPA survey requirements (NESHAPs 40 CFR Part 61.145 - Standard for Demolition and Renovation) state:

*"Applicability. To determine which requirements of paragraphs (a), (b), and (c) of this section apply to the owner or operator of a demolition or renovation activity and prior*

*to the commencement of the demolition or renovation, thoroughly inspect the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable ACM."*

As can be seen from the above, there is no "cut-off" date for construction or building classification in the EPA requirements, and this applicable to all "Facilities" with the exception of residential buildings having four or fewer units.

The only true asbestos survey exemption in New York State is for buildings that have been determined to be structurally unsound and have therefore been condemned by the Authority having Jurisdiction, which is typically the local municipality.

Based on the above, the answer to **"Is an Asbestos Survey Required for my Renovation or Demolition Project"** in New York State is **YES for all buildings and all projects, with the exception of the demolition of structures that have been condemned by the local Municipality based on it being Structurally Unsound.**

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

## Delta Project Awards – 2017



# Delta's Core Principles in Action



Above from left to right: Roberson Christmas Tree Decorating; Annual Tom Crane Golf Tournament; Endwell Office Chili Cookoff; Pumpkin Carving Contest; Chevy Chase Bake Off; 2017 Day of Caring; 2017 Corporate Challenge; Roberson Naturetrek.



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