

Newsletter

FEBRUARY 2014



TZC crew members (above) working with American-made steel on the New NY Bridge project.

American Made: Building Local Opportunities

New York Businesses Benefit From New NY Bridge Project

THANKS TO THE “BUY AMERICA” initiative and Governor Andrew M. Cuomo’s dedication to New York businesses and economic development, major structural elements of the New NY Bridge are being produced right here in the Northeast. The result will be an iconic American-made bridge that invigorates both the local and national economy.

Tappan Zee Constructors, LLC (TZC), a group of industry-leading design-builders, is following Governor Cuomo’s vision and commitment regarding the use of American suppliers as they design and build the New NY Bridge—one of the largest and most important public-works

projects in the United States.

The decision to utilize U.S. products and labor provides great opportunities to many local businesses. It gives the local economy a significant boost while assuring the project will have quality goods and services produced right here in America. The local and national firms supporting the bridge project bring value, providing innovation, creativity and many years of oversight experience. Their involvement results in cost-effective manufacturing and reliable materials.

The New NY Bridge’s entire superstructure will be produced with 110,000 tons of American-made steel.

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BY THE NUMBERS

110
thousand

Tons of American-made steel will compose the bridge’s superstructure

90

Steel piles currently being installed in the river

128

Steel piles will support two main tower footings

7.5
million

Pounds, the approximate load weight tested on the permanent piles

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Firms like High Steel Structures, Inc. in Lancaster, Pa., County Fabricators in Pleasantville, N.Y., and Brakewell Steel Fabricators, Inc., in Chester, N.Y., will use cutting-edge facilities to produce the highest-grade steel products available.

Other local companies, like Eastern Concrete Materials, will provide quality, low maintenance concrete, ensuring the New NY Bridge receives excellent structural components while local businesses expand their facilities and increase employment.

The advantages of this partnership are already evident. At a recent tour of the bridge, Governor Cuomo announced that the ongoing construction has created

nearly 600 jobs and involved nearly 500 companies. As the project continues, the Greater New York region will continue to reap economic benefits from the New NY Bridge project. Motorists can be assured that the use of American firms and workers means they can expect a modern bridge that is built to last, and will be an icon for the region.

What is Buy America?

The Buy America initiative requires that all iron, steel and manufactured goods used in American Recovery and Reinvestment Act (ARRA) projects be produced in the United States. The New NY Bridge project is no exception, and is a perfect example of how the ARRA is strengthening the economy.

COMPANY SPOTLIGHT: High Steel Structures, LLC

A Brief Look at One of The Nation's Pre-Eminent Steel Producers

VERY FEW COMPANIES CAN PRODUCE THE large-scale quantities and quality of steel girders required for the New NY Bridge. High Steel Structures, LLC, a prolific and well-respected manufacturer, is up to the task. The company, based in Lancaster, Pa., prides itself on being one of the most cutting-edge and efficient steel fabricators in the country, with experience in numerous construction projects throughout the nation.

Since the firm's creation in 1931, High Steel has been at the forefront of steel manufacturing. Pioneers at the firm promoted the welding of steel bridges as opposed to riveting – the common method of the time. As the company grew and took on larger projects, the consensus on bridge construction shifted toward welded girders. Being a champion of this method, High Steel was well prepared to take on increasingly larger projects.

Over the decades, the company continued to expand and gain respect in New York, completing such high profile projects as the new Lake Champlain Bridge. This fast-tracked, high-profile emergency replacement project required complex fabrication and the application of a



High Steel Structures, LLC fabricates enormous steel girders for the New NY Bridge project.

metalized coating to protect its 4,234 tons of steel from the harsh weather common to New York.

High Steel is playing an important role in the New NY Bridge project, as a provider of structural steel. To meet the demands of the project, the firm has invested more than \$11.4 million in to facility and equipment improvements. These investments will help the firm grow alongside the local economy.

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We are looking forward to working on this historic project, which demonstrates that fabricators in the United States have the capacity and capability to fabricate and deliver the massive quantity of structural steel required for a project of this size – a win for 'Buy America.'

– Brian LaBorde
President, High Steel Structures, LLC

To Thruway Authority Chairman Howard P. Milstein, New NY Bridge is ‘opportunity of a lifetime’

WHEN IT COMES TO INVESTMENTS IN infrastructure, it is not merely a matter of how much you spend, but how effectively and efficiently you invest, says New York State Thruway Authority Chairman Howard P. Milstein.

“Since the very beginning of the New NY Bridge project, my focus has been on efficiency, effectiveness and value,” said Milstein, noting that the cornerstone of the innovative project was its ground-breaking design-build contract.

The New NY Bridge project is the largest single-procurement in state history, as well as New York’s first design-build contract. Milstein lauded Governor Andrew M. Cuomo for enacting the design-build legislation necessary to shepherd the project to completion.

“Under the authority of design-build legislation, we were able to expeditiously bid out and award the contract. We could also move quickly to navigate the approval process and secure federal funding,” Milstein said.

“As a result, a procurement process that might have taken years was wrapped up in 11 months, and New York taxpayers and New NY Bridge commuters will reap the

benefits of nearly \$2 billion in savings, compared to the original state and federal estimates,” Milstein added.

In addition to chairing the New York State Thruway Authority, Milstein is chairman, president and CEO of New York Private Bank & Trust and its operating bank, Emigrant. He also chairs and operates the Milstein family’s real estate companies, and leads numerous successful entrepreneurial businesses across a range of sectors, including real estate, banking, hotels, marketing, finance and technology.

But it is Milstein’s role in the New NY Bridge project that he described as the “opportunity of a lifetime,” last spring at the Regional Plan Association’s (RPA) Annual Assembly, where he received the organization’s Lifetime Leadership Award.

Based in New York, the RPA is the country’s oldest independent urban research and advocacy organization. Established in 2009, the RPA’s Lifetime Leadership Award honors individuals who have played a unique role in shaping the New York region’s development, and have made significant contributions to its continued success as a world hub of commerce, culture and quality of life.

According to Milstein, the New NY Bridge will serve as a model for public infrastructure development for decades.

“This collaborative process features breakthroughs in speed, transparency, cost savings and environmental sensitivity. We applied principles of private enterprise and entrepreneurship to the talented work of government professionals, and the results were groundbreaking,” said Milstein, noting that the bidding process was an open and transparent exchange between government and industry.

Incentivized contracts included both strict penalties for missing deadlines and financial bonuses for finishing early. In addition, Governor Cuomo engaged both the community and environmentalists early on, to get their input and to reduce the likelihood that legal challenges would slow the process later.



Howard P. Milstein has served as the Chairman of the New York State Thruway Authority since 2011.

When the public’s tax or toll dollars are involved, Chairman Howard P. Milstein believes in four simple principles:

- Those who pay for it – the hardworking taxpayers – deserve to know that their tax dollars are being spent **responsibly**.
- Those who spend it – we in the government – act with **accountability** and **transparency**.
- Those who build it – the contractors – operate with **efficiency** and **integrity**.
- The results must be **measurable** and **effective**.

“

Thanks to Governor Cuomo’s vision and leadership, this project is already creating jobs and fostering economic development, which will help sustain the competitiveness of our entire region.

– Howard P. Milstein

New York State Thruway Authority Chairman

Reaching the Next Generation

New NY Bridge Project Presents for Science Week

BRIAN CONYBEARE, SPECIAL ADVISOR TO Governor Cuomo, spoke to more than 500 students at Nyack High School in Rockland County, as part of the school's "Science Week" program. The presentations highlighted the bridge project's 2013-2014 educational theme titled "Discovery and Environmental Stewardship." Related topics such as environmental monitoring, dredging, pile driving activities, geological investigations and natural resource protection were shared with the eager group of teens.

The goal of Science Week is to highlight careers in science, technology, engineering and math. This important local program is supported by the Foundation to Inspire Excellence in Nyack Schools – a nonprofit that aims to promote positive change and progress in regional schools. The foundation promotes innovative educational programs and supports creative learning opportunities throughout the district.

Students were given examples of the wide variety of career paths associated with the project and insight into how to proactively access these opportunities for their own respective futures. Project team members also shared their experiences and enthusiasm for construction, engineering, the arts and sciences.

These presentations offer an excellent opportunity for students and teachers to engage in a dialogue with the bridge project's professional staff. These project interactions are crucial to the success of the educational outreach effort. Many students expressed interest in learning more about the bridge design and construction, both inside and outside of the classroom.

As part of public involvement efforts, the New NY Bridge project team is developing an educational outreach program to support teachers and engage students. One of the goals of the program is to provide teachers with supplemental materials, on this innovative world-class project. These materials will allow educators to easily plan lessons and class activities that relate to a variety of aspects of the bridge project and its impact on the area. The goal is to provide support for hands-on, innovative thinking, problem-solving and team building activities for students.

The New NY Bridge team continues to develop programs to engage with local schools and community groups. It's this communication that will keep local communities and New Yorkers involved throughout the construction of the new bridge.



Special Advisor to the Governor Brian Conybeare (above) speaking to students at Nyack High School in Rockland County.

I Lift NY Super Crane UPDATE

The *I Lift NY* super crane is in New York and is being prepared for its trip up the Hudson River in the spring, where it will be utilized on the New NY Bridge project.

Recently nicknamed *I Lift NY*, the crane is owned by TZC, and is officially registered with the U.S. Coast Guard as the Left Coast Lifter.

Stay tuned for more news about the journey at NewNYBridge.com.

Follow us on Twitter at [@NewNYBridge](https://twitter.com/NewNYBridge) for the latest.



People behind the New NY Bridge:

Tony D. Canale, P.E.

*Design & Construction Oversight
New NY Bridge project*

Tony Canale has worked on the Tappan Zee Bridge Environmental Impact Statement over the past nine years. During that time, he supervised several subsurface investigations as well as the recently completed Pile Installation Demonstration Program. The program evaluated the engineering and environmental factors associated with pipe pile installation for the New NY Bridge.

Canale is also an adjunct professor at Manhattan College where he teaches a graduate course on Foundation Engineering. He has organized "Engineering Day" at Manhattan College for more than 60 Cub Scouts and Boy Scouts over the past two years.



TZC – Committed to Building with Diversity

WITH CONSTRUCTION ACTIVITY RAMPING up, Tappan Zee Constructors, LLC (TZC) is proactively reaching out to local and minority firms on upcoming procurement activities. The project's design is approximately 80 percent complete and construction activities will begin to accelerate in the spring.

To date, 53 of the 121 subcontractors and suppliers (44 percent) working on the project are disadvantaged business enterprises (DBEs).

As of Jan. 31 2014, TZC has:

- 121 contracts with subcontractors/suppliers
- 53 of those firms are a certified DBE
- 68 percent of the DBEs are based in New York State
- 23 percent of the DBEs are based in the Hudson Valley
- \$418.4 million committed to subcontractors/suppliers
- \$44.6 Million committed to DBEs (10.7 percent)
- Awarded only 8 percent of construction-related contracts to date
- Awarded only 21 percent of all project-related contracts to date

To prepare for the construction phase of the project, TZC continues to reach out for DBEs to participate in available subcontract opportunities. TZC is particularly seeking DBE firms in the construction service arena, where the bulk of the remaining subcontract opportunities reside.

➤ Firms interested in meeting with the TZC

team should attend one of TZC's monthly Business Orientation meetings, held the second Wednesday of each month at 10 a.m. These meetings are held at the TZC project office and provide information that will help businesses, including DBEs, understand how to gain access to subcontract opportunities on the project. The inaugural Business Orientation meeting was attended by 50 businesses, including several DBEs, and the feedback was positive. Firms interested in attending next month's meeting should register through TZC's website at TappanZeeConstructors.com.

Upcoming Meeting

Monthly Business Orientation

Wed., March 12, 2014
10 a.m. – noon

TZC, LLC, Design-Build Office

555 White Plains Rd., 4th Fl.
Tarrytown, N.Y. 10591

DBEs, as well as local and other businesses who attend the monthly orientation will hear from the TZC team about the following topics:

- TZC's Procurement Process
- How TZC Will Keep DBEs Informed
- Steps To Do Business With TZC
- Where To Get Assistance
- 90-Day Contract Look Ahead

**To register for the next event,
Email: RSVP@TZC-LLC.com**

90-Day Look Ahead

The list below provides a summary of the services TZC will be procuring over the next 90 days. If your firm provides these services and has already submitted a completed TZC Vendor Questionnaire to Procurement@TZC-LLC.com, there is nothing more you need to do at this time. TZC will be sending emails on these procurement opportunities to all DBE firms that provide these services with instructions on how to participate in the procurement process.

Services:

- ✓ Sawcut & Coring
- ✓ Curb & Gutter (Westchester)
- ✓ On-Site Trucking
- ✓ Pavement Striping and Eradication
- ✓ Civil/Structural CAD Engineer
- ✓ Temporary CCTV
- ✓ Boring (G4S Westchester)
- ✓ Rebar Installers (Rockland)
- ✓ Temporary Tower Crane Power
- ✓ Temporary Seeding
- ✓ Asphalt & Milling
- ✓ Exit 12 Fencing
- ✓ Exit 12 Hardscape
- ✓ Temporary ORT

Materials:

- ✓ Stair Towers
- ✓ Main Span Bearings
- ✓ Permanent Ladders, Platform & Catwalk System
- ✓ Backfill
- ✓ Pre Cast Drainage Structures and Systems
- ✓ Mooring Cleats
- ✓ HS Bolts for Approach Spans
- ✓ Permanent Deck Precast Concrete
- ✓ Precast Deck Panel PT System (Main Span)
- ✓ Misc. Permanent Steel Fabrication
- ✓ Roadway Strut Falsework and Forms
- ✓ Anchor Pier Column Forms
- ✓ Scuppers, Drain Pipe (Main and Approach Spans)

Safety: Personal Protection Equipment (PPE)

Tappan Zee Constructors, LLC (TZC) and the New York State Thruway Authority consider the safety of the traveling public and their employees to be their highest priority. Caroline Diaz, pictured below, serves as one of TZC's safety managers on the project.



Safety Training

TZC conducts hours of training for each team member. On the site, safety stickers are on every hard hat to serve as constant reminders.



Hard Hat

Protects head from potential falling objects.



Eye Protection

High-impact lenses protect workers from flying objects, dirt, sparks – any number of things that could otherwise cause blindness in an instant.



Hearing Protection

Keeps construction noise to safe levels.



Automatic Beacon

This device begins flashing if a worker is in the river, so rescue crews can quickly locate them.



Gloves

Protects hands from dangerous objects and harsh outdoor conditions.



Whistle

Used by team members to communicate at a distance or in case of emergency.



Reflective/High Visibility Clothing

A reflective vest ensures workers are instantly visible.



Floatation Vest

Life vests are prudent for all activities on the water, be they construction- or recreation-related.



Roadway Reflective Pants

TZC requires workers to wear long pants in good condition at all times. Roadway operations require high-visibility pants.



Boots

Heavy-duty, steel-toed boots that protect the ankle are required on site at all times.

FAQ OF THE MONTH

Q: Will the bridge look exactly like the artist's renderings that have been made public?

A: The design of the bridge is subject to refinement as part of the design-build process. A "Visual Quality Panel" has been established to gather and consider public input and make recommendations on such characteristics as surface finishes, colors, lighting design, landscaping, and the shared use bike and pedestrian path.

Fourth Construction Camera Gives Bird's Eye View



The fourth construction camera is online on NewNYBridge.com. The newest location gives a bird's-eye-view of the construction site, from atop the Washington Irving School in Tarrytown, N.Y. Website visitors can view images of current progress, as well as archival footage from previous days.

HOW TO GET INVOLVED



Follow us on Twitter
[@NewNYBridge](https://twitter.com/NewNYBridge)



Visit the Project Website
NewNYBridge.com



Call the Project Hotline
1-855-TZBRIDGE (1-855-892-7434)



Email Us
Info@NewNYBridge.com



Visit our Community Outreach Centers
303 S. Broadway, Plaza Level, Tarrytown, NY 10591
142 Main Street, Nyack, NY 10960

Hours: Monday – Friday: 11 a.m. to 7 p.m.
Saturday – Sunday: 11 a.m. to 4 p.m.