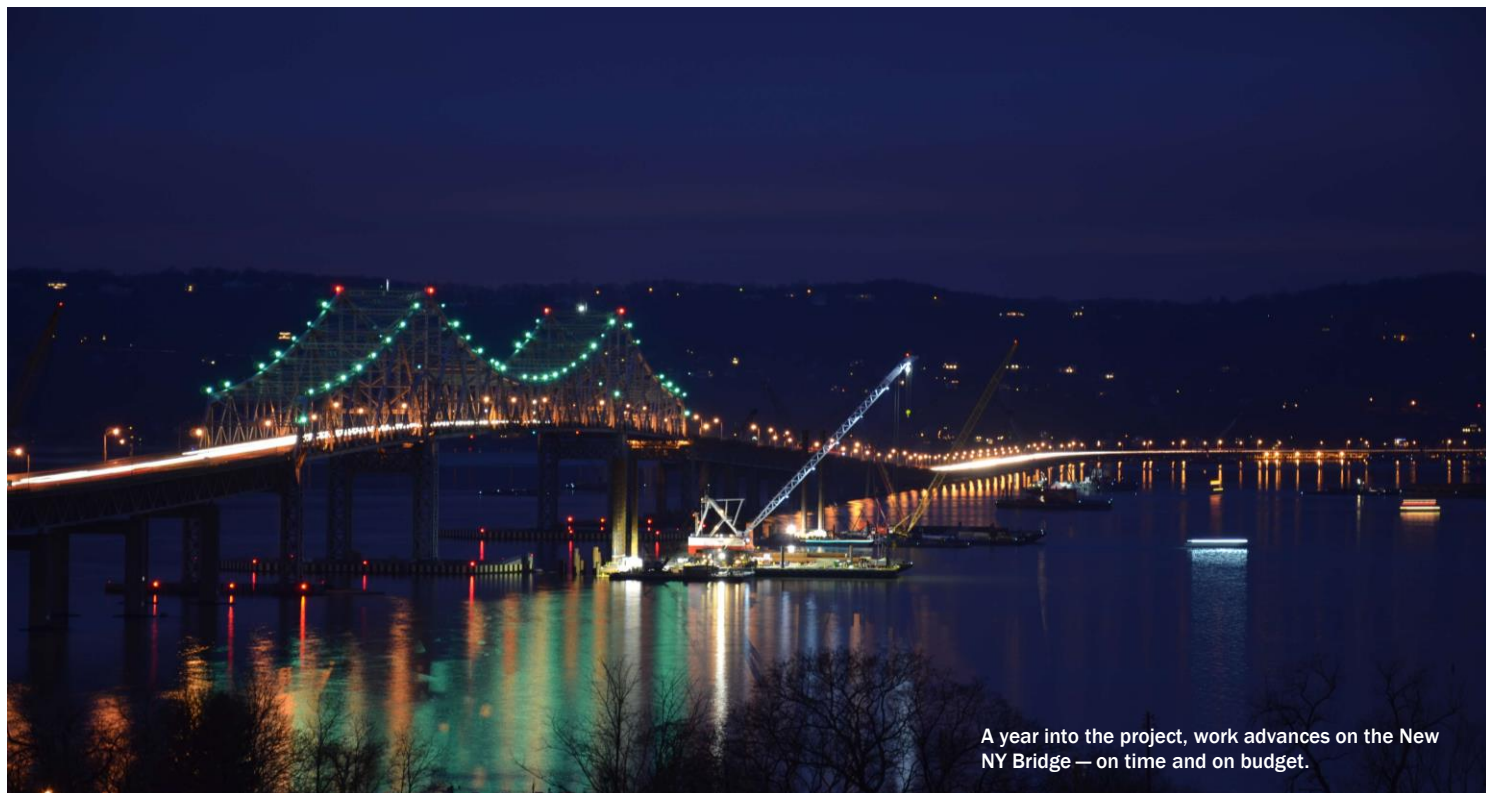


# Newsletter

JANUARY 2014



A year into the project, work advances on the New NY Bridge — on time and on budget.

## The New NY Bridge Project Enters Its Second Year

On time and on budget, the New NY Bridge is one year closer to reality

THE NEW YEAR BRINGS NEW PROSPECTS FOR the New NY Bridge project, building on the advances made over the last 12 months. Since the "official" start date for the project last January, design-builders Tappan Zee Constructors, LLC (TZC) have worked in partnership with Thruway Authority and other state employees and consultants to make extraordinary progress on the largest highway and bridge project in North America.

The New NY Bridge is being constructed under a design-build contract, where a single team designs, then builds the structure. Through this process,

construction can begin before certain aspects of design are finalized. To date, the design is over 70 percent complete, thanks to months of intensive geotechnical investigations.

Throughout March and April of 2013, hydrographic surveys were conducted using sonar/sound waves to record an image of the floor of the Hudson River to determine engineering details for pipe pile placement for the new bridge foundation.

The underground conditions of the project site were assessed between Nyack and Tarrytown, including bedrock

[\[Continued on Page 2\]](#)

## BY THE NUMBERS

# 70%

To date, 70 percent of design is complete on the New NY Bridge project.

# 1,000

Approximately 1,000 steel pipe piles will be installed to complete the foundation of the New NY Bridge.

# 200

Nearly 200 community outreach meetings were held by the project team to date.

# 4

Four interactive Web cameras are now recording the construction progress on the New NY Bridge 24/7. To view the cameras, visit [NewNYBridge.com](http://NewNYBridge.com).

## IN THIS ISSUE

### Mass Transit Task Force

PAGE **3**

*2014: Keeping an Eye on the Future*

### I LIFT NY Super Crane

PAGE **4**

*Completes Its 6,000-Mile Journey*

### DBE: Procurement

PAGE **5**

*Connecting with Small Businesses*





**Bulkhead** (above) construction on the Rockland landing.

**Dredging Operations** (far right) came to an end for 2013.



[Continued from Page 1]

samples which were collected from 350 feet below the surface of the river.

Support piles were tested for strength and reliability at various points along the entire length of the new bridge's footprint, paving the way for permanent installations. TZC started placing the project's permanent support pilings in October, and will continue through 2014. The pipe piles vary between 3 to 6 feet in diameter, stand at lengths ranging from 50 to 330 feet tall and weigh 90 tons.

TZC crews also completed dredging in order to deepen the shallow water levels near the project site for better and safer construction access, and conducted multiple environmental studies such as counting and numbering every tree in the

vicinity of the project in an effort to preserve as many trees as possible. Crews also constructed several structures that support the construction of the main span. These structures include temporary construction trestles that now extend more than 1,000 feet from the shoreline toward the center of the river; temporary docks to assist the Thruway Authority's maintenance crews; reconstructed emergency access ramps for the Thruway and a new bulkhead for the Rockland landing.

New sound barriers off of the Thruway in South Nyack are also underway and will be finalized this year. TZC and the Thruway Authority will continue to work in partnership to ensure the project is on time and on budget.

## Now & Then

In just 12 months, great strides have been made to construct the New NY Bridge.

Pictured right, as seen from Tarrytown, N.Y., the existing bridge has advanced from preconstruction activity (see insert) to a bustling construction site.

Want to see video feed of the construction taking place? Go to [NewNYBridge.com](http://NewNYBridge.com) and click on the "Construction Cameras" tab at [NewNYBridgeGallery.com/webcam](http://NewNYBridgeGallery.com/webcam)

December 2013



December 2012





## Mass Transit Task Force 2014

ESTABLISHED BY THE NEW YORK STATE Thruway Authority in 2013, the Mass Transit Task Force (MTTF), a 31-member group includes local community leaders, transit agency officials, and planning and transportation experts from Rockland, Westchester and beyond.

The MTTF has been meeting for the past 12 months and is due to release its recommendations for short-, medium- and long-term transit solutions this year.

The New NY Bridge is truly being designed with an eye on the future. The Thruway Authority is investing \$300 million in extra structural load capacity in order to handle future commuter rail service, light rail or bus rapid transit. The new crossing will have dedicated express bus lanes from the

day it is fully opened in 2018.

The MTTF has studied current, past and projected future transportation trends in the region to try to find an integrated system that will meet the changing needs of 21st century commuters. The goal is to encourage more drivers to get out of their cars and into mass transit channels to help reduce traffic congestion and improve the air quality in the Hudson Valley.

While the MTTF recommendations are not yet finalized, much of the discussion has focused on establishing a bus rapid transit system between key transportation hubs and business districts in Rockland and Westchester counties. The public has been invited to attend the MTTF meetings and provide input.



(Above) Mass Transit Task Force Meeting at Dominican College, Orangeburg, N.Y.

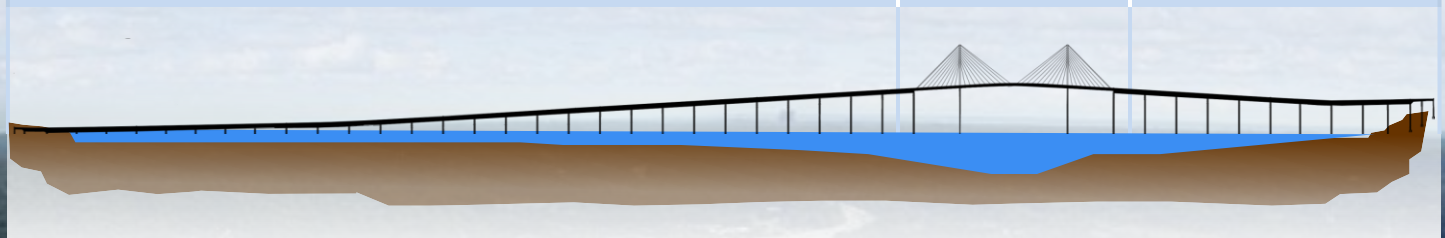
Past meeting presentations and draft recommendations can be viewed on the New NY Bridge website, [NewNYBridge.com](http://NewNYBridge.com).

### BRIDGE ANATOMY 101

1 Rockland Approach Span

2 Main Span - Cable Stay Bridge Area

3 Westchester Approach Span



3 Westchester Approach Span

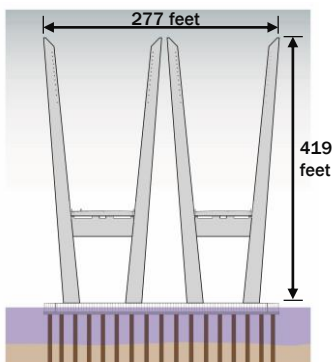
2 Main Span - Cable Stay Bridge Area (1,200 feet)

1 Rockland Approach Span

I-87 Westbound Span  
96 feet wide

I-87 Eastbound Span  
87 feet wide

#### Main Towers



## Giving Back:

New NY Bridge Project  
Completes Winter Food Drive

THE NEW NY BRIDGE PROJECT TEAM recently held a holiday-season food drive that began in December and ended earlier this month.

Team members donated non-perishable food items, cash and gift cards to local grocery stores to support the [Food Bank for Westchester](#), located in Elmsford and [People to People](#), Rockland County's largest food pantry, located in Nanuet. Donations were collected at the New NY Bridge Outreach Centers in Nyack and Tarrytown, as well as at the project office.

According to the U.S. Department of Agriculture's 2010 "Household Food Insecurity in the United States" report, 12.4 percent of New York residents are food insecure, meaning they lack consistent access to a nutritious, well-balanced diet. Food insecurity impacts many children, with one in four children at risk of hunger.

The Food Bank for Westchester estimates that 200,000 county residents are hungry or at risk of hunger. More than half of them are seniors and one-third are children under the age of 18. As Rockland County's largest food pantry, People to People helped almost 14,000 households last year. More than 95 percent of donations go to assisting those in need with programs and services.

The team would like to thank everyone who donated to its effort to give back to the community.



(Above) Diane Serratore, executive director of People to People Rockland, and Brian Conybeare, special advisor to the Governor for the New NY Bridge project at the Jan. 23 food drive event.



## *I Lift NY Super Crane* Completes 6,000-Mile Journey to New York

THE *I LIFT NY SUPER CRANE* COMPLETED THE final leg of its journey this month, after passing through the Panama Canal on Jan. 17, and making its way up the Eastern Seaboard.

The super crane's voyage began on Dec. 22, and it arrived in the Port of New York & New Jersey on Jan. 30; it will remain docked in the area until it's brought to the site of the New NY Bridge project this spring.

Once the crane is on site and ready to work, Tappan Zee Constructors, LLC (TZC) will perform modular construction activity at an assembly yard on the Hudson River, where large steel girders can be connected safely and efficiently in pairs and triples into larger units in a controlled work environment on land. These large modular units range from an estimated 600 to 900 tons, and once assembled at the yard, are transferred from land onto a transport barge.

Once in place on the barge, the barge is towed on the river to the New NY Bridge project site where the *I Lift NY* super crane can then place the modular units into position on the new bridge. The super crane

also provides significant advantages in demolition of the existing Tappan Zee Bridge, thanks to its ability to remove large sections of the structure in one piece.

The crane was a contributing factor to TCZ's significantly shorter construction schedule. Recognized as one of the largest floating cranes in the United States, *I Lift NY* has a boom height of 328 feet and an arm length of 25 stories tall. The super crane is capable of lifting up to 1,900 tons, or the equivalent of 12 Statues of Liberty at once.

A marine crew and two tugboats were responsible for moving the crane through its full voyage down the West Coast, through the Panama Canal, across the Gulf of Mexico, up the East Coast and finally to New York Harbor.

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.

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



## People behind the New NY Bridge:

### James M. Sixsmith

*TZC Senior Project Safety Director*

James Sixsmith implements, monitors and oversees the comprehensive safety program on the New NY Bridge project – ensuring that everything is in compliance with all federal, state and local safety regulations. He leads training programs, which advise, teach and educate all project workers. Sixsmith's role is vital to the project and the team is proud to have him onboard.



## Procurement: First Monthly Business Orientation Meeting Held to Connect with Small Businesses

TO FURTHER CREATE OPPORTUNITIES FOR Disadvantaged Business Enterprise (DBE) firms and local small businesses, Tappan Zee Constructors, LLC (TZC) held its first business orientation on Jan. 8.

More than 50 firms attended the first orientation meeting, where representatives were able to directly connect to the TZC procurement and diversity team. The design-build team will hold monthly business orientations on the second Wednesday of every month in Tarrytown. To receive invitations to the meetings and updates on procurement opportunities, register as a vendor on the TZC website at [TappanZeeConstructors.com](http://TappanZeeConstructors.com).

The New NY Bridge project has a 10 percent DBE goal, totaling \$314 million in opportunities for DBE firms. DBEs are federally certified businesses that are at least 51 percent owned by one or more socially and economically disadvantaged

individuals (i.e., women or minorities).

The project is also utilizing New York State certified minority-owned and women-owned business enterprises (MWBES). Under New York state law, a "WBE" is a business enterprise of which at least 51 percent is owned, operated and controlled by citizens or permanent resident non-citizens who are women. An "MBE" is a business enterprise of which at least 51 percent is owned, operated and controlled by citizens or permanent resident non-citizens who are African-American, Hispanic, Asian-Pacific, Asian-Indian or Native American.

DBE participation on the project continues to grow, with 46 DBEs performing on the project through December. TZC has awarded 109 contracts to date and the DBE involvement will continue to expand as the project gears up this year. The total commitment to date to DBE firms is \$38.6 million.

### Upcoming Meetings

**Monthly Business Orientation**  
Wednesday, Feb. 12, 2014  
10 a.m. – 11 a.m.

**TZC, LLC Design-Build Office**  
555 White Plains Rd., 4<sup>th</sup> Fl.  
Tarrytown, N.Y. 10591

DBE, 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 event**  
Email: [RSVP@TZC-LLC.com](mailto:RSVP@TZC-LLC.com)

To receive more information about the monthly business orientation, register on TZC's website at [TappanZeeConstructors.com](http://TappanZeeConstructors.com).

### 90-Day Procurement Opportunities Look Ahead:

- ✓ Sawcut and Coring services
- ✓ Curb and Gutter work
- ✓ Pavement Markings (Striping and Eradication)
- ✓ Building Salvage
- ✓ Welding Shop Services
- ✓ Rebar Installation
- ✓ Permanent Asphalt and Milling
- ✓ Temporary Toll Gantry
- ✓ Temporary Seeding
- ✓ Elevator Installation
- ✓ Pre-Cast Drainage Structures
- ✓ Pre-Cast Deck Panel PT System
- ✓ Structural Steel Erection
- ✓ Steel Fabrication Services
- ✓ Overhead Sign and Signal Bridges
- ✓ Pier Table False work
- ✓ Permanent Noise Walls
- ✓ Anti-Climb Pedestrian Fence
- ✓ Permanent Ladders, Platform and Catwalk System
- ✓ Roadway Structure, Falsework and Forms

## Boater Safety: Mooring Location Update

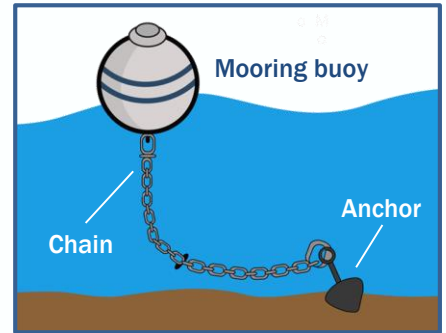
THE MAP BELOW IS A GRAPHIC DEVELOPED FROM THE Jan. 14, 2014, U.S. Army Corps of Engineers permit for the New NY Bridge project to replace the Tappan Zee Bridge. It shows the approved temporary mooring locations for construction barges on the Hudson River during the project.

There will be barges moored at these approved locations both day and night during the project and there will be up to 100 barges, crew boats and other vessels in the area at the peak of construction. Originally, there were four mooring locations established in the spring of 2013. Twelve

additional areas have been approved and the initial four will also be reconfigured.

**The U.S. Coast Guard has issued the following guidance in its Notice to Mariners:**

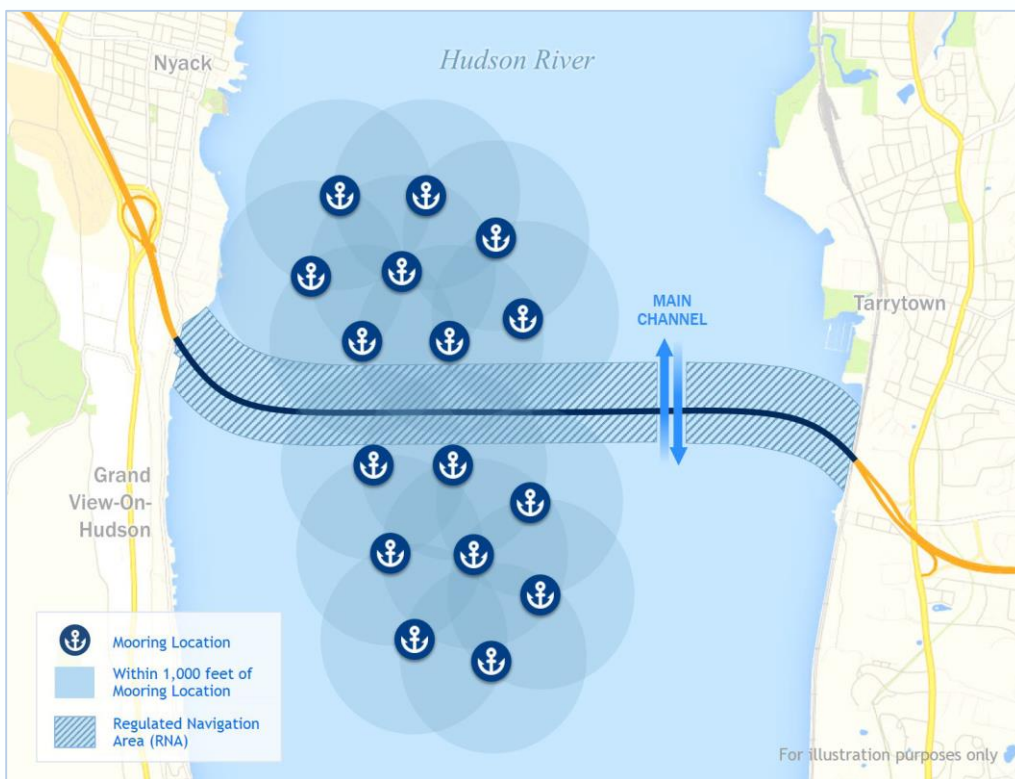
When transiting the area mariners should stay clear of these locations by a minimum of 1,000 feet. Mariners are advised to transit the main channel, reduce wake and use extreme caution while transiting the area in the vicinity of the Tappan Zee Bridge, paying particular attention to vessel movement and future notices.



(Above) Illustration of a mooring buoy.

To learn more, visit the [Boater Safety Page](#) of the New NY Bridge website: [NewNYBridge.com/documents/boat-safety](http://NewNYBridge.com/documents/boat-safety).

(Below) Map of mooring locations.



### FAQ OF THE MONTH

**Q:** How long will it take to build the New NY Bridge?

**A:** The northern span of the new twin-span bridge is scheduled to open in December 2016. The completed twin-span new bridge, with westbound traffic on the new northern span and eastbound traffic on the new southern span, is scheduled to be open in April 2018. Construction of the new bridge will be completed in five years, 2.5 months.

For more facts about the New NY Bridge, check out the FAQ page at: [NewNYBridgeGallery.com/Updates/FAQs](http://NewNYBridgeGallery.com/Updates/FAQs)

### HOW TO GET INVOLVED



Follow us on Twitter  
[@NewNYBridge](#)



Visit the Project Website  
[NewNYBridge.com](http://NewNYBridge.com)



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



Email Us  
[Info@NewNYBridge.com](mailto: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.