



In This Issue

2014: A Year of Milestones	1
Safety Tips for Navigating the New Haven Corridor	1
New Haven Bicycle / Pedestrian Accommodations	2
Long Wharf Improvement Project	3
2014 Open House Recap	3
Constructing the Q-Bridge Main Spans	4

Safety Tips for Navigating the New Haven Corridor

- Know the speed limit and reduce your speed.
- Read the signage on the roads and highways.
- Don't tailgate, leave a reasonable distance between you and the car ahead.
- Stay alert and minimize distractions while driving.
- Plan ahead and schedule enough time to get to your destination safely.
- Know how and when to move safely into traffic
- Pay close attention to the braking of cars ahead.

2014: A Year of Milestones

Over the course of 2014, the I-95 New Haven interchange will see many milestones as traffic shifts into new alignments in preparation for the new southbound portion of the Q-Bridge. Three traffic shifts have already been completed successfully during overnight hours with minimal impacts to the traveling public. In mid-May 2014, traffic was shifted slightly into a new alignment between the I-95 Southbound off-ramp to I-91 Northbound (Exit 48), and the Trumbull Street off-ramp on I-91 Northbound at (Exit 3). The month of June brought the temporary new alignment of I-91 Southbound between Ferry Street (Exit 7) and Route 34 (Exit 1) and the new alignment of the I-95 Southbound off-ramp to Route 34 Westbound (Exit 47).

Additional shifts scheduled for this year include the I-95 Southbound off-ramp to I-91 Northbound (Exit 48), expected to occur in late September. This will shift the last of the traffic traveling on the old Q-Bridge structures onto new structure, allowing for complete demolition of all old Q-Bridge main-span and approach structures. The I-91 Southbound connector to I-95 Southbound is expected to be shifted in late October 2014. As work progresses throughout the I-95 / I-91 / Route 34 Interchange, the Project remains ahead of schedule and under

budget; because of this, the Route 34 on-ramp to I-95 Southbound is predicted to shift into a new alignment in Fall 2014 instead of Spring 2015, as originally planned.

To ensure safe traveling through the interchange during major construction activities, increased signage has been installed to assist motorists in navigating the route changes, as GPS may not always have the most current maps. To keep the public informed, public outreach efforts will continue to be a major initiative of the Q-Bridge Program as these milestone events progress.



The completed northbound portion of the Q-Bridge



New Haven Bicycle and Pedestrian Accommodations

The I-95 New Haven Harbor Crossing Corridor Improvement Program was awarded the 2014 Women in Transportation Seminars' (WTS) Innovative Transportation Solutions Award for Bicycle and Pedestrian Accessibility. This award was given for the Program's outstanding commitment to the City of New Haven's Complete Streets Initiative. The award recognized the Program's accommodations for bicycle paths and other non-motorized transportation on city streets within and beyond the Program's limits. The Complete Streets Initiative was adopted by the City of New Haven in 2008, after a majority of the Program's plans were already in place. In order to comply with City standards, the Program is continuously revising work plans to include more accessibility on city streets for bicyclists and pedestrians when feasible.

The Program is also assisting in the City's effort to network all parks with bike and walking trails. Throughout New Haven,



New bicycle paths extend through the project area. View at the intersection of Forbes Avenue and Waterfront Street as work progresses on the Program.

six trails and parks with non-motorist accommodations will be improved through the Program. The new trails offer an alternative mode of transportation to driving and provide accessibility to many public spaces, economic centers and coastal areas throughout New Haven. In addition to increased accessibility,

dedicated bike and pedestrian routes offer much safer travel than roadway lanes shared with motorized vehicles. These improvements have created economically and environmentally valuable transportation options for the people of New Haven.

Did You Know?



The Program will facilitate the connection of the Farmington Canal Heritage Trail to the Harbor.

The Farmington Canal Heritage Trail covers

approximately 84 miles from New Haven, CT to Northampton, MA and is part of the East Coast Greenway, which extends 2,900 miles from Maine to Florida.



I-95 NEW HAVEN HARBOR CROSSING CORRIDOR IMPROVEMENT PROGRAM



BICYCLE AND PEDESTRIAN ACCESSIBILITY

The Long Wharf Improvement Project

The Long Wharf Improvement Project will relocate on- and off-ramps and improve weave distances to enhance mobility and safety at Long Wharf Drive (Interchange 46). The project brings operational improvements to I-95 Northbound and the Route 34 Flyover (Exit 47) that support the Program's commitment to improve the flow of traffic throughout the I-95 / I-91 / Route 34 Interchange. The Long Wharf Project began construction in February 2013 and is scheduled to be completed this fall. It is valued at approximately \$14 million and is being completed by Empire Paving, LLC.

The work being performed by Empire Paving, LLC consists of the reconstruction of the Long Wharf Drive entrance and exit ramps to I-95 Northbound (see photo below). A fourth operational lane with full shoulders is added on the northbound side



of I-95 and the I-95 median will be fully reconstructed to improve drainage and lighting in the area. The installation of a new signalized intersection at Long Wharf Drive Extension and increased signage on I-95 throughout the Long Wharf area will facilitate traffic flow.

The contract also brings improvements to local roads, including new parking lots on Long Wharf Drive (see photo above) to accommodate the increased need for parking to access the Harbor, Vietnam Memorial, and the Long Wharf Nature Preserve. Traffic lights will be upgraded and the Sargent Drive intersection with Long Wharf Extension will be reconstructed. Keep an eye out for all completed Long Wharf Drive Improvements starting in the Fall!

2014 Open House Recap

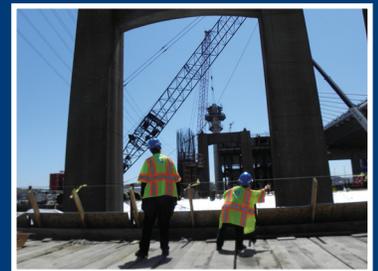
The I-95 New Haven Harbor Crossing Corridor Improvement Program hosted its 5th Annual Open House on Saturday, May 3, 2014, at the Program Office on Chapel Street in New Haven. The event proved successful with over 300 guests from surrounding communities participating in field tours highlighting the ongoing construction on the I-95 / I-91 / Route 34 Interchange and new Q-Bridge.

Upon arrival at the Connecticut Department of Transportation (CTDOT) District 3A office, guests had the opportunity to view the facility while stopping at several informative stations designed to explain the Program's history, active contracts, adjacent construction projects, and state

and city wide initiatives. Photographs and renderings of the various stages of construction were on display.

Buses filled with guests departed the office every half hour, stopping at multiple locations throughout the Interchange. The tours lasted approximately 45 minutes, giving guests ample time for to take photographs and talk with Program engineers.

The I-95 New Haven Harbor Crossing Corridor Improvement Program would like to thank everyone who attended the Open House and encourages residents and commuters in the area to join us for the 6th Annual Open House next spring.



For More Photos from the 2014 Open House

Please Visit www.i95newhaven.com



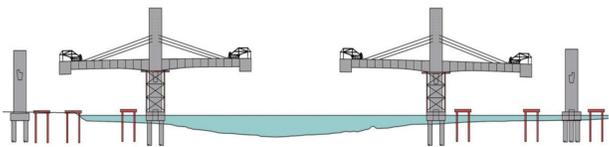
Constructing the Q-Bridge Main Spans



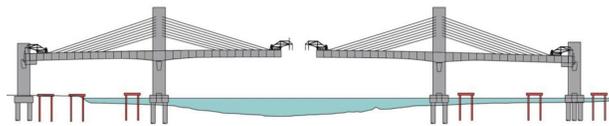
Stage 1: Construction of Substructures and Pier Tables



Stage 2: Assembly of Form Travelers at Pier Tables



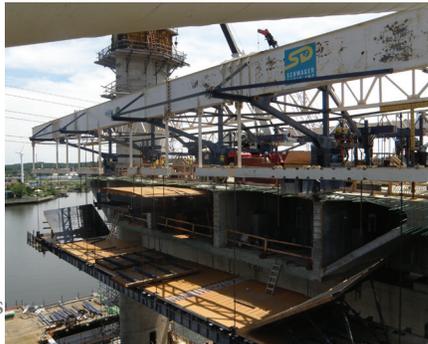
Stage 3: Balanced Cantilever Construction and Cable Installation



Stage 4: Continuation - Cantilever Construction
 - Pier Table Falsework Removed
 - Side Span Closure

The Q-Bridge main spans are being constructed in four stages. The first stage, construction of the substructures and pier tables, was completed mid-summer of 2014.

The Program just completed Stage 2 of the new Southbound Q-Bridge main span construction sequence in late August 2014. This includes the assembly and installation of the form travelers on the pier tables. The third and current stage includes construction of the deck segments in a balanced cantilever fashion as well as the installation of the stay cables.



Form travelers on the new southbound side of the Q-Bridge

The form traveler is one aspect of the construction process that fascinates many people. The key advantage of a form traveler system is its ability to span great distances in remote locations. For bridge construction, a form traveler allows for longer and wider spans to be built between piers in challenging site conditions, such as over a river.

Form travelers are specially designed pieces of equipment that are constructed in sections and lifted by crane to a surface on the bridge pier. The traveler is mounted on rails anchored to the previously constructed surface, providing a working platform and structural support system from which to construct individual concrete segments. After the segment is poured and the concrete reaches required strength, the rails are extended and the form traveler is pushed forward (“launched”) by a hydraulic system, to create the next segment. In balanced cantilever construction, a pair of form travelers (one on each side of the pier) operates in tandem, keeping the forces on the pier in equilibrium. The average cycle time for a single form traveler on the Q-Bridge is two weeks.

More Information

If you have any questions or requests for additional information, please contact us:

Public Information Office
 424 Chapel Street
 New Haven, CT 06511

Tel: (203) 752 - 1996
 Email: info@i95newhaven.com

or visit our website:
www.i95newhaven.com



@QBridgeProgram

for the latest Q-Bridge Program related construction updates, traffic alerts, events and more.

