Focus of This Issue: Miscellaneous Projects and Products

Syracuse Creekwalk Project

The City of Syracuse, NY, wanted to offer its residents and visitors the opportunity to more fully enjoy the beautiful views available on and around Onondaga Creek. So they engaged C & S Engineers to design a series of walkways along and over the creek, incorporating some existing paths, as well as developing some new ones, including the gentle rise from the paths to Hiawatha Boulevard.

Lakelands Concrete Products, Inc., Lima, NY supplied different size bridge panels and supporting beams, because each elevation change was different and the City wanted protrusions from the deck to allow people to stop and rest and enjoy the views. Our definition of success: the contractor, M.A. Bongiovanni, Inc., was pleased with the product and the city residents and visitors enjoy the bridge and its beautiful views on a daily basis.

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Syracuse Creekwalk Project (continued from page 1)

The Bangor Event Center is a new civic arena for the City of Bangor, Maine, that is currently under construction and due to open 1 September 2013. The arena and attached convention center consist of precast framing around the seating bowl, including precast columns, raker beams, and bleachers at the main concourse and suite levels, plus precast beams, slabs, and Hollow Core at the main concourse level. The balance of the arena and convention center are framed in steel, including 200-foot long steel roof trusses across the event center.

Prestressed bleachers consist of double-riser units which were fabricated in two different forms, one for the main concourse and one for the suite level due to different rise/run configurations required for sight lines. The typical bleacher span is 38'-0", although two bays include units that are 45'-6" in length, weighing nearly 45,000 lbs. each. The first tier of main concourse bleachers can-

tilever beyond the front precast walls at the perimeter of the event level to allow for the nesting of telescoping seating when a larger event floor is required. ADA and audio-visual platforms are also included and framed as precast side and front walls and precast slabs on top of the precast bleachers.

Mike Wiegand, Joseph P. Carrara & Sons, Inc., submitted this project summary: General Contractor: Cianbro Corporation, Pittsfield, ME; Design Architect: Sink Combs Dethlefs, Denver, CO; Engineer: Martin/Martin, Inc., Lakewood, CO. And here is the extensive list and variety of precast they supplied: 46 Precast Columns, 20 Precast Raker Beams, 13 Precast Rectangular Beams, 7 Precast IT Beams, 58 Precast Wall Panels, 72 Hollow Core Plank, 33 Solid Slabs, 88 Prestressed Bleachers, and 28 Precast ADA Flat Panels.

Bangor Event Center – Installation of 5,800 fixed arena seats, 10 sky boxes and a party suite

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Underside of arena seating showing precast sections

During Construction

After Construction

Construction photo of arena seating
Babylon Yacht Club Boat Ramp Restoration

In the fall of 2011, the south shore of Long Island was hit by hurricane Irene. Storm surge forces ripped up a submerged, wooden boat ramp that was used by yacht club members to launch their boats. In addition, the wooden ramp had become slippery with algae, and several accidents occurred when cars lost their traction and ended up floating in the canal. The dimensions of the ramp were 25 feet x 16 feet.

The ramp is under water all the time and due to environmental regulations the Yacht Club wanted to avoid a dewatering situation that would involve additional costly permits. The officers of the Babylon Yacht Club approached Roman Stone Construction Company, Bay Shore, NY, and asked them to design a precast solution. They came up with a design that involved placing 2 beams onto pilings that would support the 25’ wide ramp that was made in four sections each four feet in length. This would bring the ramp up above the low water mark and allow them to pour CIP the rest of the way.

The project utilized a 5000 psi, fly ash mix design with a secondary reinforcing provided by NYCON PVARSC15 fibers. The ramp was installed in two days allowing the Club members to utilize the ramp for an important regatta that they had coming up for the fourth of July. A 1.5” deep form liner was used to provide traction for the boat trailers and was angled to allow the water to drain back into the canal as the tide went down. The form liner was provided by PCANY member A.L. Patterson. Our thanks to Tom Montalbine, Roman Stone, for this article, and for this subsequent exchange between him and another member of the Yacht Club regarding recent storm damage: “Gary, how did you make out with the storm? Was there any damage to the club? What about the ramp? Is it still there?... Tom, I got 20” in the house. No power yet! The club sustained quite a bit of damage. The reviewing stand is gone! The decking is as high as the porch. The ramp never budged! That would make a great article as to the quality of the product!”
Our Apology to Associate Member Engineered Wire Products

Last month, Emily Alsop of Engineered Wire Products brought to our attention that we had failed to list Engineered Wire Products as an Associate Member, both on our monthly Newsletter listing of Members, and on our website, and that they had paid their dues in full early in 2012. We are Very Sorry! This has been corrected, listing Paul Lewis, Pipe and Precast Manager, as their contact (plewis@ewpinc.com), with their address and phone number, and the primary products and services they supply. Please note another important contact for you, Jeff Babcock, VP – Sales and Engineering (jeff@ewpinc.com). Thanks again for your support, Emily, Paul, and Jeff!