

Focus of this Issue: Parking Facilities

Dual Mixes Enliven Parking Structure



Hunterdon Medical Center, Flemington, NJ.

Photos by Newcrete Products.

Hunterdon Medical Center needed additional accessible and convenient parking, adaptable to its sloping site, and at the same time, knew it was obliged to provide an attractive facility within the community. And they needed it ASAP. Desman Associates provided the solution: build a precast, prestressed concrete parking structure.

This four and one half level, 145,000 sf parking structure supplies the medical center with 442 new 9' wide parking spaces (on a 273' x 122' footprint). A double tee bridge provides access from the roof level to the center's upper parking lot, with additional access to each level provided by the sloping site itself, as can be seen in the two photos below.



Bridge to roof top parking.



Intermediate grade entrance to third level.

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Dual Mixes Enliven Parking Structure *cont. from page 1*



Spandrel details reflect Medical Center brick.

Photo by Newcrete Products.

Newcrete Products used two primary concrete mixes, sometimes in the same panel. The brick faces are the thin sections specially made for casting into concrete. The remaining surfaces were a buff color mix with a light sandblast. Both the “plain” spandrels and the corner columns have recessed dark highlights which were stained to tie into the appearance of some original brick highlights on the hospital. Precast concrete structures continue to offer clean, aesthetically pleasing lines, and allow contractors and owners to build quickly and get the parking underway soonest. The use of “pretopped” double tees saves the added steps and time needed to cast and cure a topping slab.

Spandrel Panels ... The Architectural Treatments are endless ...



Planters can be fun.

Photo by Lakelands Concrete.



Spandrels and Capitals.

Photo by Lakelands Concrete.

For this new City of Saratoga Springs parking structure, Lakelands Concrete supplied these spandrel arches with cast in Endicott thin brick and an acid wash. The architectural detailing and caps were part of the precast column covers.



Precast to attract the customers.

Photo by Lakelands Concrete.



Precast panels add highlights.

Photo by Lakelands Concrete.

The flowing, curvilinear entry sign was precast as one complete unit, mocking the color and texture of the exterior of the new Erie County (PA) Parking Authority garage. Lakelands Concrete used an exposed aggregate mix, form liners, and an acid wash to provide the consistent, bright appearance.



Simple details dress up simple spandrels for Jamestown garage.



Brick and concrete spandrels reflect neighboring buildings.

Lakelands Concrete has been supplying various panels with architectural treatments for many years. These are not floor supporting, but they are designed to handle vehicle impact loads. Get involved with a precaster early in the planning stage, and your results will similarly astound!

The Northeast Concrete Producers Association (NCPA) will hold their 8th Summer Open House on June 8th at Precast of Maine.

NCPA and PCANY are working with the NPCA to present its' Production & Quality School, Level I on June 19-20, and the Level II - Technical Course on June 21-22, 2007. These will be at the Highlander Inn & Conference Center in Manchester, NH. PCANY members can register at the national member rate, even if they aren't members of NPCA.

Check the PCANY website (www.pcanyc.org) for the exact date of the next PCANY meeting, which will tie into our annual late May Joint Meeting with the NYSDOT Structures and Materials Groups. In addition, our website lists all past Newsletters (with colored photos), as well as all recent meeting notes in the Members Only section.

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KUDOS To Our Renown PCANY Professional Members:

Earth Tech Inc. and Wilbur Smith Associates, listed in ENR's Top 20 Transportation Design Firms;

Clough Harbour & Associates listed in ENR's Top 20 Manufacturing Design Firms;

Earth Tech and Dewberry listed in ENR's Top 20 Water design firms;

Earth Tech Inc. listed in ENR's Top 20 Sewer Waste Design Firms;

Dewberry, Greenman-Pederson Inc., and Clough Harbour & Associates listed in the Top 100 Designers;

And listed in the TOP 500 Design Firms, in addition to those just mentioned, there are **Simpson Gumpertz & Heger Inc., Erdman Anthony Associates Inc., Bergmann Associates Inc., and Chas. H. Sells Inc.**

KUDOS also to **Tom D'Arcy, Consulting Engineers Group**, San Antonio, TX for presenting the entire ACI/PCI Parking Structure Seminar to over 50 participants. The other scheduled speaker, **Carl Walker, CWConsulting**, Kalamazoo, MI suffered the all too common airline flight cancellation, and never made it to Albany for the April 17 event.

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