Notes From The Director

We all know that PCANY is an organization made up of precast concrete producers. Our member producers are actually part of a vast supply chain of materials, equipment, and services all coming together to build highly successful projects. Our Associate and Professional members provide critical support to this organization and we are grateful for their participation. So I was pleased to receive this month an interesting project submission from one of our Associate Members, Auburn Crane & Rigging.

I am also pleased to highlight another example of how Precast Pavement Slab Technology is improving the way we rehabilitate our roads with durable long-lasting products while reducing the pain of traffic congestion due to prolonged lane closures.

Please call or visit our website if you are interested in either Associate or Professional membership. Members are listing both on our website directory and in our 2015 PCANY Buyer's Guide.

Warmest Regards,

Ronald E. Thornton, P.E.
Ferguson Distribution Warehouse

Submitted by Todd Macintosh of Auburn Crane & Rigging, Inc.

Ferguson Enterprise, the nation’s largest distributor of plumbing supplies, is building its newest 460,000sf warehouse facility in the Town of Coxsackie in Greene County, NY. The building is of steel frame construction with 350 precast/prestressed exterior wall panels. Erecting 45ft tall panels weighing in excess of 30tons each requires extensive planning and attention to details such as lifter placement, rigging, staging, and temporary bracing. Some 700 helical ground anchors and wall shores were installed prior to erection in order to support the panels until the steel framing could be erected. Auburn Crane and Rigging, Inc. of Auburn was able to bring the expertise and equipment necessary to handle and erect these monstrous precast elements in a safe and timely fashion.

Construction of this $60 million facility commenced in August of 2014 and is expected to be complete this June. Approximately 75 new jobs are anticipated within the first two years of operation with perhaps 20 more being added by year five. The Coxsackie site has room for another 360,000sf of expansion, if necessary.

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<th>Project Credits:</th>
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<tbody>
<tr>
<td>Owner: Ferguson Enterprises, Inc.</td>
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<td>Engineer: Bohler Engineering</td>
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<td>Contractor: KBR Building Group</td>
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<td>Precast Manufacturer: Universal Concrete Products, Pottstown, Pa.</td>
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<tr>
<td>Erector: Auburn Crane &amp; Rigging, Inc. Auburn, NY</td>
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NY Route 27 Pavement Reconstruction

Submitted by Tom Montalbine of Roman Stone Construction.

NY Route 27 is a major east-west corridor on Long Island for travelers between New York City and Montauk. Closing traffic lanes on this high volume thoroughfare can be a serious hardship for rush hour commuters. Motorists using Exit 45 at Islip had no such issues when these ramps were rebuilt using precast concrete paving slabs. A portion of the ramp was closed each night between the hours of 11PM and 5AM allowing for the removal of a section of existing pavement, re-grading, installing & adjusting precast panels, grouting, and re-opening in time for the morning commute.

PCANY has two members (Roman Stone and Ft Miller) who are part of the FHWA’s Expert Task Group on Precast Concrete Pavement which participated in the groundbreaking SHRP2 Project R05 report titled “Precast Concrete Pavement (PCP) Technology”. The ETG is continuing its work and through this program five lead adopter highway agencies will receive funding and technical assistance from FHWA to facilitate the adoption of PCP repair technology in states that are not currently using it.

Roman Stone and Ft. Miller are also members of the National Precast Concrete Association PCPS committee and are working to promote the use of this technology through the NPCA web site and by developing best practice guidelines for engineers, producers, and installers. More information on this committee’s work can be found at: http://precast.org/precast-product/paving-slabs/

Photos courtesy of Roman Stone Construction
Eastern NY ABCD to Hold Annual Meeting
ABCD-ENY will hold its annual meeting on Thursday, June 25 at the Joseph L. Bruno Stadium in Troy. On the agenda is their 2014 bridge awards and social hour followed by the Tri-City Valley Cats baseball game. (Information)

NYSPA Summer Retreat
The New York State Parking Association will hold its 8th annual Summer Retreat on Tuesday, June 23 at Hinerwadel’s Grove in Syracuse. (Registration)

“How Slightly Better Concrete Could Save the Planet”—citylab.com May 12, 2015.
Recent research at MIT finds that “by tweaking the ratio of starting ingredients”, cement based products can be made stronger and with reduced CO2 emissions. (Article)