1 Precast Lintel Production for Avalon Natick Housing Project; these units are built into the exterior walls for support over the large 8'-0"+ wide window openings; project also includes 160 pieces for precast stairs and landings. (Oldcastle Precast)

2 Precast Lintels, 206 pieces, ready for shipment to Natick Housing; Russell Scott Steedle & Capone Architects.

3 Connection Detail for Precast Half Barrier to Exodermic Concrete Deck, shown in picture 5, for fast, easy installation; (for complete connection details, contact Kistner Concrete directly).

4 Transition Barrier for Route 347; the piece shown goes from half barrier on the left to a vertical section on the right, transitioning from precast barrier to HPBO barrier – Heavy Post Blocked Out corrugated Beam Guide Rail. (Roman Stone Construction)

5 Concrete Half Barrier used on Akron’s Cedar Street Bridge; concrete is deemed more durable, safer, and more forgiving than steel box beams. (Kistner Concrete)

6, 7, 8 The next three photos show rapid progress of 414,000 sf precast hollow core plank on masonry walls, plus 39,171 sf of 8" solid slabs with side cantilevers, 206 precast lintels, and 160 pcs. of precast stairs and landings (Oldcastle Precast)

9 Due to ground conditions, the general contractor was unable to dig a deep enough hole, so a “spread footing” was made to withstand the forces of a tall light pole; precast can do almost anything! (Roman Stone Construction)
10 Precast Keeps Criminals in Their Place! Two inmates escaped from the Monroe County Jail using tools smuggled in to file through the bars on the windows to slip out, prompting a full window redesign for the inmate housing area. Designer LaBella PC utilized an insulated precast panel welded in place to provide a retrofit. The new design provided a fixed window opening of only 10” x 45” to deliver natural daylight. The panels were 8.5” thick, including 3.5” of rigid insulation, and weighed in excess of 2,000 lbs. (Lakelands Concrete Products)

11 75’ long x 15’ high Precast Concrete Segmental wing wall/retaining wall/tie back wall, for the Town of Hanover, using “Ready Rock”, following the new NYSDOT 554 Segmental Wall Spec. (Kistner Concrete Products)

12 & 13 Two 8’ x 8’ Precast Process Vaults installed at Morton Salt in Wyoming Co. The contractor, Ed Hulme Construction, said the 13’-8” tall pump chambers were of high quality, easy and fast to install, needing only 3 hours in total. (Kistner Concrete Products, Lockport)

14 Livonia Railroad Containment Vault; this 16’ long x 10’ wide x 7.5’ deep, 30 ton monolithic containment structure holds and protects new spill control processing equipment. (Kistner Concrete Products)

15 A new precast four-lane Route 92 causeway bridge from the mainland to Ocean City, NJ opened Memorial Day weekend. Provided by Bayshore Concrete, it stretches more than 2 miles from Somers Point on the mainland to the barrier island of Ocean City. The beams are so big that they had to be brought by barge, 10 at a time, from the precast plant in Virginia. There are more than 600 beams in all making up the 167 precast girders. Over 55,000 yards

(continued on page 4)
of concrete was utilized in their fabrication. The island bridge will be able to accommodate 40,000 cars a day, a dramatic improvement for island visitors accustomed to the bottleneck of the older bridges (which included two drawbridges, often flooded).

16 Andover Central School District needed to add a 10,000 gallon septic tank. Designed by Habitera Assoc/Buffalo Engineering, Ackerman Plumbing installed a “Kon-Seed-Kon-Loc” watertight gasketed septic tank meeting ASTM C1677. (Kistner Concrete Products)

Notes from the May 10 PCANY Association Meeting and the Joint Meeting with the NYSDOT (Materials and Structures) can be accessed on the PCANY website (Members only)

We all mourn the very recent loss of Joseph Amoia, President and co-owner of A&R Concrete Products, and PCANY immediate past president, and offer his Family our sincere and deepest sympathy.

Photographs (continued from page 3)