

ENGINEERING TIMES

CAYUGA CONCRETE PLANT & FACILITIES EXPANSION

Company Happenings:

- Jason Van Zelst, P.E. and his wife Megan have their first child, Owen. Mother and son are doing fine. Owen is currently accepting structural engineering appointments for 2031.
- Heath Dumack, P.E. has participated in the continuing education seminar "Construction Law for Pennsylvania Architects, Engineers and Contractors"
- Tom Roache, P.E. and his wife Charlene are expecting their 2nd child, Congratulations from all of us.
- Our structural department receives onsite training in the latest precast Conspan structures.

Dumack Engineering is pleased to announce the opening of our Royersford Pennsylvania office. The new location allows us to better serve our clients in Bucks & Montgomery Counties. Thomas Roache, P.E. Has been promoted to be our Sales & Project Manager for Montgomery County.



Cayuga Concrete, the state's largest producer of concrete pipe has opened its new state of the art Croydon Plant.

Dumack Engineering was proud to have been a part of the design team for this project, giving new jobs to the area and modernizing a 50 year old facility with a new robotic production line, customized moving floor and robotically controlled overhead crane.

The facility structure was designed in part by Dumack, piecing together several different buildings, each with a different design and intended use. Additional equipment super-

structure and foundations were required as part of the design process.

The site was also improved, 32 acres going through full land development with Bristol Township, increasing the usable outdoor warehouse areas from 15 to 25 acres including a 400,000 cubic foot regional retention basin. This basin was configured in part due to concerns from The Bristol Township Council and the surrounding neighborhood. The basin is designed to help contain several blocks of runoff that would otherwise have been discharged in the residential neighborhood downstream that has historically been

severely flood prone.

Part of the design included soil berms around the perimeter of the property to protect the adjacent neighbors from the noise and dust from the production plant. These berms worked as proposed cutting down on the noise pollution and protecting the neighborhood from unwanted dust accumulation.

The project is a success from the clients perspective, a "win" for the neighborhood and Bristol Township.

Dumack Engineering was proud to be a part of this community effort.

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