

PRECAST CASE STUDY

The Pegula Ice Arena in University Park, PA is the new home of Penn State Varsity Hockey Team. Following years of planning, collaboration and design, the state-of-the-art facility seats 6,000 spectators and was completed early and under budget.

The Pegula Ice Arena project included an underground water detention system designed to control runoff mainly from the new arena. This project consisted of 252 pieces of box culvert. The finished system had to be watertight to prevent any sinkholes from forming in the area. Pieces were delivered just-in-time for installation. Three rows of box culverts were installed at a time as the excavation company prepared for the next three rows. This method shortened installation time to less than two months, saving labor costs and allowing the roads and pathways to stay open for as long as possible. By building the system out of precast concrete, the contractor was able to create a 15-20% cost savings in comparison to casting the segments in place. Precast components were manufactured by By-Crete.

PROJECT:
PEGULA ICE ARENA

LOCATION:
UNIVERSITY PARK, PA.

PRECAST MANUFACTURER
BY-CRETE
www.bycrete.com



**TAKE A NEW LOOK AT
PRECAST**

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