

The Exeter Commons Shopping Center includes 490,000 square feet of retail on about 50 acres along Route 422. Construction on the site started in 2008 and included improvements to Perkiomen Avenue and the West Shore Bypass (Route 422). Storms in 2010 and 2014 overwhelmed the original aluminum pipe drainage system. The parking lot was subsequently plagued with sinkholes.

In 2015, Lyons & Hohl Site Contractors, Honeybrook, PA were brought on to alleviate the problems. Property managers pledged that they were taking a proactive approach to the sinkholes in the shopping center.

Terre Hill Concrete Products, Terre Hill, PA manufactured a 1M Gallon precast concrete underground detention system. The precast concrete box culverts featured Terre Hill's patented watertight joint system.

Terre Hill Concrete Products manufactured and shipped the precast concrete box culvert components that can easily support vehicular loads and meet all AASHTO, ACI, ASTM, and PennDOT specifications. The multi-cell precast concrete box culverts economically provide for the storage of stormwater runoff and are designed to resist the lateral earth loads from soil and hydrostatic loads from groundwater.

## TAKE A NEW LOOK AT PRECAST

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# PRECAST CASE STUDY

**PROJECT:**  
EXETER COMMONS DRAINAGE  
IMPROVEMENTS

**LOCATION:**  
BERKS COUNTY, PA.

**PRECAST MANUFACTURER**  
TERRE HILL CONCRETE PRODUCTS  
[www.terrehill.com](http://www.terrehill.com)

