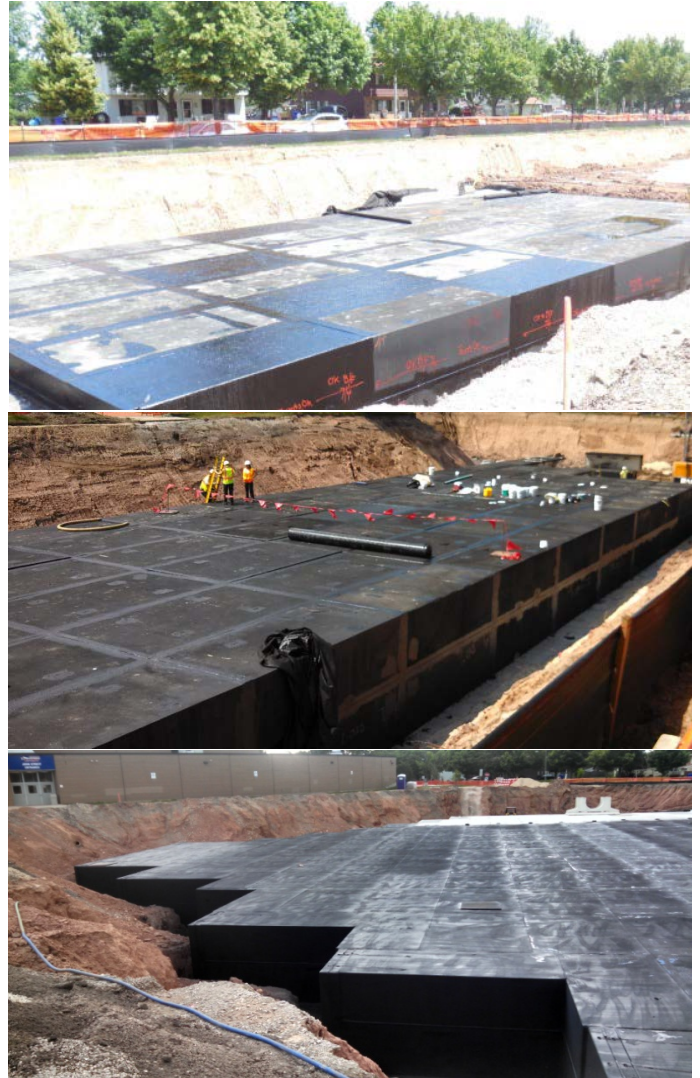


# Storm Water Retention Basin

Project: Storm Trap Precast Below Grade Storm Water Basin

The City of Appleton in late 2010 was faced with a daunting task of designing a storm water retention basin in a neighborhood that flooded on a regular basis. The design called for a storage requirement of 14 acres that exceeded any open land in the area. The City of Appleton was faced with public and private property purchases and relocation that would not be acceptable to residents and politicians in the area as well as City employees and businesses.

Storm Trap Inc of Romeoville, IL presented a design option that is the first of its kind for Wisconsin, an underground precast retention basin the size of a high school football field. All of the 2200 plus pieces need to be watertight. *Peter Bakke* of *Midwest Coatings* presented a design, plan and product to accomplish the need for a watertight basin. Perlastic® an asphalt cold applied emulsion system was installed with success to date.



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