

CONSTRUCTION SPECIFICATION

PA 527 – KARST SINKHOLE TREATMENT

1. SCOPE

The work shall consist of furnishing materials and installing all components of the karst sinkhole treatment as outlined in this specification and the drawings.

2. MATERIALS

Unless otherwise set forth in Section 4, the following shall apply:

- A. Drainfill aggregate and bedding shall meet the requirements of PennDOT Specifications, Section 703.
- B. Rockfill and riprap shall meet the material requirements of PennDOT Specifications, Section 850.
- C. Geotextile shall be non-woven with minimum burst strength of 100 psi. It shall conform to the requirements of PennDOT Specifications 735 and 212 for the class applicable for its use.
- D. Concrete shall consist of a commercially prepared mixture of sand, gravel, Portland cement, and water with a minimum 28-day compressive strength of 3000 psi.

3. PROCEDURES

Prior to any construction activity, PA One-Call shall be notified.

Use the procedures set forth in Standard Drawings PA-073 – PA-075, if required, or as otherwise set forth in Section 4.

Unless otherwise set forth on the plans, excavate the sinkhole area to competent, stable bedrock, if possible.

Caution shall be used when working around or operating equipment near the rims of active unstable sinkholes.

4. ADDITIONAL CONDITIONS WHICH APPLY TO THIS PROJECT ARE: