

# EXPECTED IMPLEMENTATION JULY 2022

## 932 NONMETALLIC ACCESSORY MATERIALS FOR CONCRETE PAVEMENT AND CONCRETE STRUCTURES (REV 12-9-21) (FA 12-15-21) (7-22)

SECTION 932 is expanded by the following new Article:

### 932-5 Polymer Slurries for Drilled Shafts.

**932-5.1 General Requirements:** Synthetic polymer slurry are products that can be used to facilitate the construction of drilled shafts. The type of synthetic polymers used in drilling slurry are long chain-like hydrocarbon molecules which interact with each other, with the soil, and with the water to effectively increase the viscosity of the fluid. Commercial polymer products may come in powder, granular or liquid forms and shall be fully mixed with potable water prior to introducing it to the drilled shaft excavation.

**932-5.2 Product Acceptance:** All materials shall be one of the products listed on the Department's Approved Product List (APL). Manufacturers seeking evaluation of products for inclusion on the APL shall submit an application in accordance with Section 6 and including documentation that meets the requirements of Table 932-10. A separate application must be submitted for each product type to be evaluated, showing that the product meets the applicable requirements.

Table 932-10 Documentation Requirements	
Documentation	Requirements
Installation Instructions	Include mixing and disposal instructions and the Safety Data Sheet (SDS).
Product Photo	Displays the significant features of the product as required in this section. Displays location of Manufacturer name and model number.
Product Label Photo	Displays the Product Name
Technical Data Sheet	Uniquely identifies the product and includes product specifications, storage instructions, and recommended installation materials and equipment as applicable.
Test Reports	Submit test results and reports as required by Materials Manual, Vol 2 Section 2.4