

# EXPECTED IMPLEMENTATION JULY 2009

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## 449 PRECAST CONCRETE DRAINAGE PRODUCTS – CONSTRUCTION REQUIREMENTS.

(REV 10-6-08) (FA 1-6-09) (7-09)

ARTICLE 449-3 (Page 441) is deleted and the following substituted:

### 449-3 Construction Requirements.

Unless otherwise stipulated within the Contract Documents, meet the following requirements for concrete mix, product design, fabrication, transportation, and installation:

Three-Sided Precast Culverts.....Section 407

Precast Concrete Box Culvert.....Section 410

Pipe Culverts and Storm Sewers.....Section 430

French Drains.....Section 443

Inlets, Manholes, and Junction BoxesSection 425 and ASTM C 478

Underdrains..... Section 440 and ASTM C 444

Steel Reinforced Round Concrete Pipe.....ASTM C 76

Reinforced Elliptical Concrete Pipe.....ASTM C 507

Non-reinforced Concrete Pipe .....ASTM C 985

Meet the special requirements for the applicable pipes as described in 449-4 through

449-6.

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ARTICLE 449-5 (Page 443) is deleted.

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