

# EXPECTED IMPLEMENTATION JANUARY 2016

## 108 MONITOR EXISTING STRUCTURES.

(REV 7-24-15) (FA 7-27-15) (1-16)

SECTION 108, the title is deleted and the following substituted:

### SECTION 108 MONITOR EXISTING STRUCTURES

ARTICLE 108-1 is deleted and the following substituted:

#### 108-1 Description.

Provide settlement, vibration and groundwater monitoring in accordance with the requirements of this Section. The work required under this Section does not modify the requirements or responsibilities for preservation of existing property from damage in accordance with 7-11.1.

Evaluate the need for, design of, and provide any necessary precautionary features to protect existing structures from damage. Employ construction methods that will not produce damaging vibrations, soil movement, soil loss, or instability of existing structures.

SUBARTICLE 108-2.3 is deleted and the following substituted:

**108-2.3 Groundwater Monitoring:** Install a piezometer at the right of way line and near any existing structure that may be affected by dewatering operations, or as directed by the Engineer. Monitor the piezometer and record the groundwater elevation level each day that dewatering activities are performed and for one week after activities have ceased, or on a schedule approved by the Engineer. Notify the Engineer of any groundwater lowering near the structure of 12 inches or more.

ARTICLE 108-4 is deleted and the following substituted:

#### 108-4 Basis of Payment.

Price and payment will be full compensation for all work and materials specified in this Section.

Payment will be made under:

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|-----------------|--|
| Item No. 108- 1 | Monitor Existing Structures - Inspection and Settlement Monitoring - lump sum. |
| Item No. 108- 2 | Monitor Existing Structures - Vibration Monitoring - lump sum.                 |
| Item No. 108- 3 | Monitor Existing Structures - Groundwater Monitoring - lump sum.               |