



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JIM BOXOLD
SECRETARY

July 24, 2015

Khoa Nguyen
Director, Office of Technical Services
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
Section **108**
Proposed Specification: **1080000 Monitor Existing Structures.**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Paul Hiers of the State Roadway Design Office to remove "at the locations shown in the plans" and add "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" and to update the specification to reflect the work that is required.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to daniel.scheer@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Signature on file

Daniel Scheer, P.E.
State Specifications Engineer

DS/ot
Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

MONITOR EXISTING STRUCTURES.(REV ~~5-22296-47-124-15~~)

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

SECTION 108
~~PROTECTION OF~~MONITORING 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.

~~Preserve all property from damage in accordance with 7-11.1.~~

SUBARTICLE 108-2.3 is deleted and the following substituted:

108-2.3 Groundwater Monitoring: ~~When shown in the Contract Documents, i~~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 eEngineers at the locations shown in the Plans.* Monitor the piezometer and record the groundwater elevation level ~~daily~~*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:

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

MONITOR EXISTING STRUCTURES.

(REV 7-24-15)

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:

- | | |
|-----------------|--|
| 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. |