



## Florida Department of Transportation

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.  
SECRETARY

January 4, 2013

Monica Gourdine  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section **949**  
Proposed Specification: **9490000 Brick and Concrete Masonry Units for Manholes, Inlets and Other Structures.**

Dear Ms. Gourdine:

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

These changes were proposed by Timothy Ruelke of the State Materials Office to clarify acceptance criteria for brick and concrete masonry units.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965TT or [trey.tillander@dot.state.fl.us](mailto:trey.tillander@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 414-4140.

Sincerely,

Signature on file

V. Y. "Trey" Tillander, III, P.E.  
State Specifications Engineer

TT/dt

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**BRICK AND CONCRETE MASONRY UNITS FOR MANHOLES, INLETS AND OTHER STRUCTURES.****(REV 9-2410-16-12)**

SECTION 949 (Page 1064) is deleted and the following substituted:

**SECTION 949  
BRICK AND CONCRETE MASONRY UNITS FOR  
MANHOLES, INLETS AND OTHER STRUCTURES****949-1 Clay Brick and Shale Brick.**

This brick shall meet the requirements of ~~AASHTO M-114~~ *ASTM C62*, for Grade MW *or ASTM C32, Grade MM.*

**949-2 Concrete Brick.**

Concrete brick shall meet the requirements of ASTM C55 ~~for Grade S-II.~~

**949-3 Concrete Masonry Units.**

Concrete masonry units for use in manholes, inlets and similar structures shall meet the requirements of ASTM C139.

~~When the masonry units are produced by a manufacturer exercising quality control procedures acceptable to the Department, such units may be accepted on the basis of six test certificates furnished to the Department. Such certificates shall be signed by an authorized agent of the manufacturer, and identified by project number.~~

**949-4 Submittals Acceptance.**

*Provide the Engineer a certification from the manufacturer's certification stating that the bricks or concrete masonry units meet the requirements of this Section. Acceptance of materials will be in accordance with Section 6-1.3.1.*

**BRICK AND CONCRETE MASONRY UNITS FOR MANHOLES, INLETS AND OTHER STRUCTURES.****(REV 10-16-12)**

SECTION 949 (Page 1064) is deleted and the following substituted:

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This brick shall meet the requirements of ASTM C62, Grade MW or ASTM C32, Grade MM.

**949-2 Concrete Brick.**

Concrete brick shall meet the requirements of ASTM C55.

**949-3 Concrete Masonry Units.**

Concrete masonry units for use in manholes, inlets and similar structures shall meet the requirements of ASTM C139.

**949-4 Acceptance.**

Provide the Engineer a certification from the manufacturer stating that the bricks or concrete masonry units meet the requirements of this Section. Acceptance of materials will be in accordance with Section 6.