



Florida Department of Transportation

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GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

January 7, 2021

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

Re: State Specifications Office
Section: **522**
Proposed Specification: **5220200 CONCRETE SIDEWALK AND DRIVEWAYS.**

Dear Mr. Nguyen:

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

The changes are proposed by Dino Jameson from the State Materials Office to update density requirements for foundation materials in sidewalks and driveways to the Standard Specification. Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to daniel.strickland@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 Strickland, P.E.
State Specifications Engineer

DS/dh

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

CONCRETE SIDEWALK AND DRIVEWAYS
(REV 11-13-20)

ARTICLE 522-2 is expanded by the following:

522-2 Materials.

Meet the requirements specified in 520-2 and the embankment utilization requirements of Standard Plans Index 120-001.

ARTICLE 522-4 is deleted and the following substituted:

522-4 Foundation.

~~Shape and compact the foundation materials to a firm, even surface, true to grade and cross-slope. Compact areas that have been excavated more than 6 inches below the bottom of the concrete, to a minimum of 95% of AASHTO T99 density. The area to be compacted includes the area directly under and 1 foot beyond each side of the sidewalk or driveway, when right-of-way allows.~~ Shape and compact the foundation materials with suitable equipment to a firm, even surface, true to grade and cross-slope. Compact cut-and-fill areas within 1 foot beyond each side of the sidewalk or driveway, when right-of-way conditions allow. Meet the testing frequency and maximum lift thickness requirements of Section 120. Record density test results in the Earthwork Records System (ERS) section of the Department's database for the foundation material below the bottom of concrete for a minimum depth of 2 feet for fill areas, and 1 foot for cut areas, to a density not less than 95% of the maximum density as determined by FM 1-T099. Compact the material in the remaining fill areas to match the adjacent area density.

**CONCRETE SIDEWALK AND DRIVEWAYS
(REV 11-13-20)**

ARTICLE 522-2 is expanded by the following:

522-2 Materials.

Meet the requirements specified in 520-2 and the embankment utilization requirements of Standard Plans Index 120-001.

ARTICLE 522-4 is deleted and the following substituted:

522-4 Foundation.

Shape and compact the foundation materials with suitable equipment to a firm, even surface, true to grade and cross-slope. Compact cut-and-fill areas within 1 foot beyond each side of the sidewalk or driveway, when right-of-way conditions allow. Meet the testing frequency and maximum lift thickness requirements of Section 120. Record density test results in the Earthwork Records System (ERS) section of the Department's database for the foundation material below the bottom of concrete for a minimum depth of 2 feet for fill areas, and 1 foot for cut areas, to a density not less than 95% of the maximum density as determined by FM 1-T099. Compact the material in the remaining fill areas to match the adjacent area density.