



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

November 15, 2023

Daniel Holt, PE, PTOE
Interim Director, Office of Technical Services
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
Section: **522**
Proposed Specification: **5220400 Concrete Sidewalks and Driveways.**

Dear Mr. Holt:

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

The changes are proposed by Dino Jameson to clarify language for foundation fill areas for sidewalks and driveways.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email daniel.strickland@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at (850) 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 SIDEWALKS AND DRIVEWAYS.
(REV 11-13-23)

ARTICLE 522-4 is deleted and the following substituted:

522-4 Foundation.

Shape and compact the foundation materials with suitable equipment to a firm, uniform, smooth, even surface, true to grade and cross-slope that is free of debris and irregularities.

For the following conditions proof roll the graded areas with a vibratory roller or mini plate compactor in such manner that a firm and unyielding foundation is established within 1 foot beyond each side of the sidewalk or driveway, when right-of-way conditions allow:

1. For all fill areas not exceeding 6 inches.
2. All cut areas.
3. Existing sidewalk and driveways to be replaced in the same location, horizontal alignment, profile grade, and cross slope.

For fill areas 6 inches or greater, compact the foundation below the bottom of the concrete and 1 foot beyond each side of the sidewalk or driveway when right-of-way conditions allow, to a density not less than 95% of the maximum density as determined by FM 1-T099 for the following conditions:

1. For fill areas not exceeding 2 feet, take densities for the entire fill height.
2. For fill areas 2 feet or greater, take densities on the last (upper) 2 feet of fill height.

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. ~~Compact cut and fill areas within 1 foot beyond each side of the sidewalk or driveway, when right-of-way conditions allow. Compact the foundation material below the bottom of concrete for a minimum depth of 1 foot for cut areas, 1 foot for fill areas less than 1 foot, and 2 feet for all other fill 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.

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(REV 11-13-23)**

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522-4 Foundation.

Shape and compact the foundation materials with suitable equipment to a firm, uniform, smooth, even surface, true to grade and cross-slope that is free of debris and irregularities.

For the following conditions proof roll the graded areas with a vibratory roller or mini plate compactor in such manner that a firm and unyielding foundation is established within 1 foot beyond each side of the sidewalk or driveway, when right-of-way conditions allow:

1. For all fill areas not exceeding 6 inches.
2. All cut areas.
3. Existing sidewalk and driveways to be replaced in the same location, horizontal alignment, profile grade, and cross slope.

For fill areas 6 inches or greater, compact the foundation below the bottom of the concrete and 1 foot beyond each side of the sidewalk or driveway when right-of-way conditions allow, to a density not less than 95% of the maximum density as determined by FM 1-T099 for the following conditions:

1. For fill areas not exceeding 2 feet, take densities for the entire fill height.
2. For fill areas 2 feet or greater, take densities on the last (upper) 2 feet of fill height.

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. Compact the material in the remaining fill areas to match the adjacent area density.