



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

August 26, 2026

Daniel Holt, PE, PTOE
Director, Project Delivery
Director, Technical Services
FHWA
400 West Washington Street, Suite 4200
Orlando, FL 32801

Re: State Specifications Office
Section: 120
Proposed Specification: **1200101 Excavation and Embankment**

Dear Mr. Holt:

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

The changes are proposed by Jason Russell to remove reference to blanket material which is no longer used and correct references to Section 125 which has been revised to only reference drainage structures and pipe.

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/jb

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

EXCAVATION AND EMBANKMENT (REV 6-2-26)

SUBARTICLE 120-1.1 is deleted and the following substituted:

120-1.1 General: Excavate and construct embankments as required for the roadway, ditches, channel changes and borrow material. Use suitable excavated material or authorized borrow material to prepare subgrades and foundations. Construct embankments in accordance with Standard Plans, Index 120-001. Compact and dress excavated areas and embankments.

Meet the requirements of Section 110 for excavation of material for clearing and grubbing and Section 125 for excavation and backfilling drainage of structures and pipe. Material displaced by the storm sewer or drainage structure system is not included in the earthwork quantities shown in the Contract Documents.

The existing surface may be a combination of the following:

1. The original unpaved ground line;
2. The bottom of the existing pavement;
3. The bottom of existing features removed by clearing and grubbing;
4. The bottom of the existing base, if the base is to be removed.

The finished graded surface includes the completed grades of side slopes, unpaved shoulders, and the bottom of the base for flexible or rigid pavement.

SUBARTICLE 120-2.3 is deleted and the following substituted:

120-2.3 Subsoil Excavation: Subsoil excavation consists of ~~the excavation~~ excavating and ~~disposal~~ disposing of muck, clay, rock, or any other material that is unsuitable in its original position and that is excavated below the existing surface. ~~For ponds and ditches that identify the placement of a blanket material, the existing surface is template as the bottom of the blanket material~~ Subsoil excavation also ~~consists~~ includes of the excavation of all suitable material within ~~the above~~ these limits as necessary to excavate the underlying unsuitable material. ~~Consider~~ The limits of subsoil excavation indicated in the Plans ~~as being~~ are considered approximate and may vary particularly variable, in accordance with the based on field conditions ~~actually~~ encountered.

The quantity of material required to replace the excavated material and to raise the elevation of the roadway to the bottom of the template will be paid for under embankment or borrow excavation (Truck Measure).

SUBARTICLE 120-9.3 is deleted and the following substituted:

120-9.3 Compaction for Pipes, and Culverts, ~~etc.~~: Compact the backfill of trenches to the densities specified for embankment or subgrade, as applicable, and in accordance with the requirements of 125-9.2.

Thoroughly compact embankments over and around pipes, and culverts, ~~and~~ bridges in a manner which will not place undue stress on the structures, and in accordance with the requirements of 125-9.2.

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(REV 6-2-26)

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Meet the requirements of Section 110 for excavation of material for clearing and grubbing and Section 125 for excavation and backfilling drainage of structures and pipe. Material displaced by the storm sewer or drainage structure system is not included in the earthwork quantities shown in the Contract Documents.

The existing surface may be a combination of the following:

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2. The bottom of the existing pavement;
3. The bottom of existing features removed by clearing and grubbing;
4. The bottom of the existing base, if the base is to be removed.

The finished graded surface includes the completed grades of side slopes, unpaved shoulders, and the bottom of the base for flexible or rigid pavement.

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120-2.3 Subsoil Excavation: Subsoil excavation consists of excavating and disposing of muck, clay, rock, or any other material that is unsuitable in its original position and that is excavated below the existing surface. Subsoil excavation also includes the excavation of all suitable material within these limits as necessary to excavate the underlying unsuitable material. The limits of subsoil excavation indicated in the Plans are considered approximate and may vary based on field conditions encountered.

The quantity of material required to replace the excavated material and to raise the elevation of the roadway to the bottom of the template will be paid for under embankment or borrow excavation (Truck Measure).

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120-9.3 Compaction for Pipes and Culverts: Compact the backfill of trenches to the densities specified for embankment or subgrade, as applicable, and in accordance with the requirements of 125-9.2.

Thoroughly compact embankments over and around pipes and culverts in a manner which will not place undue stress on the structures, and in accordance with the requirements of 125-9.2.