

# Origination Form

## Specifications

<b>Name:</b>	Dino Jameson	<b>Specification Number:</b>	145-6.1, 145-6.2.1.4, 145-6.3, 145-6.4, 145-7.1.1, 145-7.1.2
<b>Email:</b>	Dino.jameson@dot.state.fl.us	<b>Associated Specs:</b>	none
<b>Date:</b>	2024-08-13T	<b>Verified:</b>	VERIFIED

### Summary:

The revision is to fix the 120 references (rabbit trails) made in 145 specifications. This was due to 120 section revisions to numbering and moving things around to flow better. Furthermore, initial production LOT is no longer in 120, therefore, it is being removed from 145.

### Justification:

Clarification to the existing 120 earthwork specification language was requested by the districts for green technicians that are coming into the industry to read it and understand the requirements without leading to differing interpretations. This led to moving sections around which caused section numbering changes. The 145 revisions are to update the 120 references.

### Do the changes affect other types of specifications?

Neither

### List Specifications Affected:

Other Affected Documents/Offices	Contacted	Yes/No
Other Standard Plans		No
Florida Design Manual		No
Structures Manual		No
Basis of Estimates Manual		No
Approved Product List		No

<b>Construction Office</b>		No
<b>Maintenance Office</b>		No
<b>Materials Manual</b>		No
<b>Traffic Engineering Manual</b>		No

**Are changes in line with promoting and making progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?**

Yes, the changes tie the references correctly.

**What financial impact does the change have; project costs, pay item structure, or consultant fees?**

The change does not have any financial impact since these are only reference updates.

**What impact does the change have on production or construction schedules?**

None.

**How does this change improve efficiency or quality?**

The updated references will tie to the right specifications.

**Which FDOT offices does the change impact?**

Construction

**What is the impact to districts with this change?**

None

**Does the change shift risk and to who?**

None as these are only reference updates.

**Provide summary and resolution of any outstanding comments from the districts or industry.**

Comments and Responses are available on the Track the Status of Revisions hyperlink located on the Specifications landing page: <https://www.fdot.gov/programmanagement/Specs.shtm>

**What is the communication plan?**

Through the established specification revision process (e.g., Internal and Industry Review)

**What is the schedule for implementation?**

The Standard Specifications eBook and Workbook are effective July 1st every year.

**GEOSYNTHETIC REINFORCEMENT**  
**(REV 8-13-24)**

SUBARTICLE 145-6.1.2 is deleted and the following substituted:

~~145-6.1.2 Initial Production LOT: Meet the requirements of 120-10.1.2 except as modified herein.~~

**145-6.1.23 Density over 105%:** Meet the requirements of 120-10.1.23 except as modified herein.

SUBARTICLE 145-6.1.3 is deleted.

SUBARTICLE 145-6.2.1.4 is deleted and the following substituted:

**145-6.2.1.4 Density Testing Requirements:** Meet the requirements of 120-10.2.21.4.2 except as modified herein. For select backfill, obtain a density in each LOT of at least 95% of the maximum density as determined by FM 1-T180.

Alternatively, for A-3 and A-2-4 backfill materials, obtain a minimum density of 100% of the standard Proctor maximum dry density as determined by FM 1-T099.

The combined width from both reinforced fill volume and retained fill material may be considered the same LOT if both volumes comprise the same material and both are compacted with the same procedure, lift thickness, equipment, and compacting effort.

SUBARTICLE 145-6.3 is deleted and the following substituted:

**145-6.3 Department Verification:** Meet the requirements of 120-10.31.5 except that the Engineer will conduct Verification tests to accept all materials and work associated with 145-6.2.

SUBARTICLE 145-6.4 is deleted and the following substituted:

**145-6.4 Payment for Resolution Tests:** Meet the requirements of 120-10.51.7.

SUBARTICLE 145-7.1.1 is deleted and the following substituted:

**145-7.1.1 Maximum Density Determination:** The Engineer will verify the QC test results in accordance with the procedures specified in 120-10.64.1 except replace FM 1-T099 with FM 1-T180. If the Contractor selects the optional acceptance criteria, the Engineer will verify the QC test results of FM 1-T099 in accordance with 120-10.64.1.

SUBARTICLE 145-7.1.2 is deleted and the following substituted:

|           **145-7.1.2 Density Testing:** Meet the requirements of 120-10.64.2.