

ORINATION FORM

Proposed Revisions to the Specifications

(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

Will the proposed revision require changes to:

Publication	Yes	No	Office Staff Contacted
Standard Plans Index			
Traffic Engineering Manual			
FDOT Design Manual			
Construction Project Administration Manual			
Basis of Estimate/Pay Items			
Structures Design Guidelines			
Approved Product List			
Materials Manual			

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

Materials Bulletin

Are all references to external publications current?

Yes

No

If not, what references need to be updated? (Please include changes in the redline document.)

Why does the existing language need to be changed?

Summary of the changes:

Are these changes applicable to all Department jobs?

Yes

No

If not, what are the restrictions?

Contact the State Specifications Office for assistance in completing this form.

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Florida Department of Transportation

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MIKE DEW
SECRETARY

MEMORANDUM

DATE: November 29, 2018
TO: Specification Review Distribution List
FROM: Dan Hurtado, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **SP5800000 Landscaping.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Jeff Caster to include new soil enhancement, new inspection forms into use, and eliminate the need for monitoring soil moisture.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or online at <http://www2.dot.state.fl.us/ProgramManagement/Development/IndustryReview.aspx> . Comments received after **December 27, 2018**, may not be considered. Your input is encouraged.

DH/rf
Attachment

LANDSCAPING
(REV 11-8-18)

SECTION 580 is deleted and the following substituted:

580-1 Description.

Install landscaping as indicated in the Contract Documents.

580-2 Materials.**580-2.1 Plants:**

580-2.1.1 Sizes: Small plants includes all ground covers, shrubs less than 7 gallon, trees less than 7 gallon, clustering type palms less than 6 foot overall height, cycads less than 7 gallon, and incidental landscaping.

Large plants include shrubs 7 gallon or greater, trees 7 gallon or greater, all single trunk palms, and clustering type palms 6 foot overall height and greater.

580-2.1.2 Grade Standards and Conformity with Type and Species: Provide plant materials purchased from Florida commercial nursery stock that comply with all required inspection, grading standards, and plant regulations in accordance with the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants."

Florida commercial nursery stock is defined as plants propagated or grown at a Florida commercial nursery or imported to a Florida commercial nursery, made available for sale to the public, and included as inventory for fee. Nursery stock purchased from outside Florida and shipped directly to the project site is not Florida commercial nursery stock. Prior to installation, provide nursery invoices or delivery tickets that include written certification that all nursery stock meets the requirements of this Section.

Unless otherwise specified, the minimum grade for plant material is Florida No. 1. Plant materials must be the specified size and grade at the time of delivery to the site.

Use only plants that are true to type and species, free of fungal infection and disease, and ensure that the plants not specifically covered by Florida Department of Agriculture's "Grades and Standards for Nursery Plants" conform in type and species with the standards and designations in general acceptance by Florida nurseries. Submit a list of nurseries where plants are tagged, including contact information and location. The Engineer may visit the nursery sites to inspect representative samples and lock tag the example plant material.

A minimum of two plants of each species on each shipment must be shipped with tags stating the botanical nomenclature and common name of the plant. Should discrepancies between botanical nomenclature and common name arise, the botanical name will take precedence.

580-2.2 Inspection and Transporting: Move nursery stock in accordance with all Federal, State, and Local Rules and Regulations. For each shipment of nursery stock, provide the nursery's General Nursery Stock Inspection Certificate with as required in Chapter 5B-2, F.A.C.

580-2.3 Water: Meet the requirements of Section 983.

580-2.4 Mulch: Provide and install mulch in accordance with the Contract Documents
~~Use of cypress mulch is prohibited.~~

580-2.5 Soil Enhancement: ~~Remove all unsuitable soil and debris to root ball depth. Replace soil meeting the requirements of 987-2.4.~~

580-2.5.1 Enhance soil in accordance with the Contract Documents.

580-2.5.2 Excavate and dispose of existing soil in accordance with the Contract Documents. Provide landscape soil meeting the requirements of Section 987. Place landscape soil in no greater than 12 inch, non-mechanically compacted lifts.

580-3 Worksite Landscape Supervisor.

Provide a Worksite Landscape Supervisor to directly oversee all landscape installation. The Worksite Landscape Supervisor must be a Certified Landscape Technician or Certified Landscape Contractor in accordance with the Florida Nursery Growers and Landscape Association (FNGLA) located at the following URL address: <http://www.fn gla.org/professional-development/certifications/certification-verification>, or a State of Florida Registered Landscape Architect. Provide verification at the preconstruction meeting.

580-4 Installation.

580-4.1 Installation Plan: At the preconstruction meeting, provide an installation plan for review and comment. Specifically Describe the methods, activities, materials, and schedule to achieve installation as described in this Section. Include a schedule for monthly inspections and reports described in 580-4.9. Include a Schedule of Values for each item on the Tabulation of Quantities/Plant List. Begin installation after Installation Plan is accepted by Engineer.

580-4.2 Delivery: All materials must be available for inspection before installation.

580-4.3 Layout: The locations of plants as shown in the Contract Documents are approximate. At no cost to the Department, adjust final locations when directed by the Engineer to accommodate unforeseen field conditions or to comply with safety setbacks and requirements. Mark proposed mowing limits, planting beds and individual locations of trees and palms as shown in the Contract Documents for the Engineer's review, prior to excavation or planting.

Make no changes to the layout, or any variations of materials from the Contract Documents without the Engineer's approval.

580-4.4 Soil Drainage: Planting holes and beds must drain sufficiently. Notify the Engineer of drainage or percolation problems before plant installation.

580-4.5 Installation: Meet the requirements of the Contract Documents.

580-4.6 Maintenance: Maintain plant material to the equivalent visible structural, quality and health characteristics per the Contract Documents of Florida No. 1.

580-4.7 Site Repair and Restoration: Repair and restore existing areas disturbed by installation or maintenance activities. Where new turf is required to restore and repair disturbed areas, meet the requirements of Section 570.

580-4.8 Disposal of Surplus Materials and Debris: Remove from the jobsite any surplus material unless otherwise directed by the Engineer. Surplus is defined as material not needed after installation of landscaping per Contract Documents. Upon commencement of landscaping installation, remove daily all debris from the landscape locations described in the Contract Documents.

580-4.9 Reporting: Monthly, document the condition of the landscaping on the form provided by the Engineer and submit to the Engineer.

SP5800000

Non-Federal Aid Jobs with Landscaping.

Use when requested by the DDE.

580-5 Method of Measurement.

The quantities to be paid for will be the items shown in the Contract Documents, completed and accepted.

580-6 Basis of Payment.

Price and payment will be full compensation for all work and materials specified in this Section.