

# 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 and date 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			

\*\*This section must be completed prior to processing proposed revisions.

**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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SECRETARY

**MEMORANDUM**

**DATE:** December 5, 2019

**TO:** Specification Review Distribution List

**FROM:** Daniel Strickland, P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: **5910000 Landscape Irrigation Sleeves.**

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

This change was proposed by Jeff Caster from the Office of Design to provide a new Standard Specification for Landscape Irrigation Sleeves.

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://fdotewp1.dot.state.fl.us/programmanagement/development/industryreview.aspx> .

Comments received after **January 2, 2020**, may not be considered. Your input is encouraged.

DS/rf  
Attachment

**LANDSCAPE IRRIGATION SLEEVES.****(REV 11-12-19)**

The following new Section is added after Section 571.

**591-1 Description.**

Furnish and install landscape sleeves for irrigation pipes and wires in accordance with the Plans and Standard Plans, Index 591-001.

**591-2 Materials.**

Meet the following requirements:

Schedule 40 Polyvinyl Chloride (PVC) pipe .....Section 630

**591-3 Installation Requirements.**

**591-3.1 General:** Construct sleeves along a straight alignment at the location and depth shown in the Plans. Deviations in location or alignment may be made with prior approval of the Engineer. Provide a minimum of 24 inches between irrigation sleeves and other utilities.

**591-3.2 Backfill:** Backfill in accordance with Section 120.

**591-3.3 Coated Conductive Tape:** Install coated conductive tape directly above the sleeves with the repeated warning of "CAUTION WATER LINE BURIED BELOW," unless otherwise shown in the Plans.

**591.3.4 Pull String:** Install a continuous No. 12 American Wire Gauge pull wire or polypropylene cord within the full length of all sleeves. Ensure that a minimum of 36 inches of pull string is accessible at each sleeve termination.

**591.3.5 Sleeve Terminations:** Terminate the sleeves as shown in Standard Plans, Index 591. Fit sleeve caps at all terminations with a removable PVC threaded or slip cap.

Install a survey marker cap fastened to a 18 inch by 24 inch long permanent marker made of No. 5 rebar, a steel survey stake, or 4 inch square concrete monument above the terminating end of all sleeve pairs. Ensure that the top of cap is flush to grade with message "IRRIGATION SLEEVE" permanently imprinted on the top of monument, and will not peel, fade, or deteriorate.

**591-4 Method of Measurement.**

The quantity to be paid will be the plan quantity of landscape irrigation sleeve in place and accepted. No separate payment will be made for contractor's choice of installation method.

**591-5 Basis of Payment.**

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

Payment will be made under:

Item No. 591-1- Landscape Irrigation Sleeve - per foot.