ORIGINATION FORM -

Proposed Revisions to a Standard Plans Index (Please provide all information — Incomplete forms will be returned)

<u>Contact Information:</u> Date: July 21, 2022 Originator: Richard Stepp Phone: (850) 414-4313 Email: richard.stepp@dot.state.fl.us **Summary of the changes:**

Standard Plans:

Index Number: 715-001 Sheet Number (s): 1 of 3 Index Title: Conventional Lighting

Sheet 1: Added a detail to define luminaire tilt angle for designers and contractors; Added reference to Index 715-002 and 715-003 to the Metal Pole Detail; Changed sheet title to "Wiring and Installation Details" to capture the installation details beyond wiring.

Commentary / Background:

The Turnpike Design Handbook (TDH) had previously required designers to include a project-specific plans detail to explain the luminaire "tilt". As part of the TDH migration, a detail to define tilt angle is being placed into this Index in order to meet this need without requiring a project-specific plans detail. Luminaire tilt angle is a common term for lighting designers using ANSI/IES RP-8-18 national guidance and AGi32 lighting design software, but tilt angle was previously not defined for contractors. Last, this "tilt" variable is being added to the standard Lighting Table per FDM 943.

Other Affected Offices / Documents: (Provide name of person contacted)

Yes	No		
	\checkmark	Other Standard Plans –	
	\checkmark	FDOT Design Manual –	
	\checkmark	Basis of Estimates Manual –	
	\checkmark	Standard Specifications –	
	\checkmark	Approved Product List –	
	\checkmark	Construction –	
	\checkmark	Maintenance –	
Origination Package Includes: (Submit package to Rick Jenkins)			Implementation:
Yes	N//	Α	🔲 Design Bulletin (Interim)
\checkmark		Redline Mark-ups	🔲 DCE Memo
		Revised or Proposed Standard Plan Instruction (SPI)	Program Mgmt. Bulletin
		Other Support Documents	✓ FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form __________
Email to: Rick Jenkins <u>rick.jenkins@dot.state.fl.us</u> and Darren Martin <u>darren.martin@dot.state.fl.us</u>

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