

Summary of Revisions January 2023 LCDOT Supplemental Specifications

1. Changed Name:

- a. Changed from Lee County Department of Transportation Plan Specifications for Traffic Signal & Street Lighting January 2021 to Lee County Department of Transportation Supplemental Specifications for Traffic Signal & Street Lighting January 2023

2. General Notes:

- a. Add General Note 20 - Ground Rod Pull Boxes: Ground rods for electrical service, traffic signal cabinet, mast arms, pedestrian poles, RRFBs, and Flashers shall be installed in a minimum 8" x 8" x 12" to maximum 12" x 12" x 12" Pull Box, these pull boxes are considered incidental to grounding. Refer to Section 3 and Section 4 for more details.

3. Forms:

- a. Removed Forms, Forms will be posted on website.

4. Section 1:

- a. 1.1.1
 - i. Changed from SDR 13.5 to SDR 11
- b. 1.1.2
 - i. Changed from SDR 13.5 to SDR 11
 - ii. Corrected to #10 Orange CU THHN Stranded Copper wire
- c. Added 1.1.6
 - i. All Conduits on Directional Bore Crossings shall be installed in one packet.
- d. 1.2.3
 - i. Revised - If the distance is too far to complete the bore in one attempt, then the contractor shall use reverse thread couplings to connect the HDPE conduit together.
- e. 1.2.4
 - i. Revised - When connecting HDPE conduit to standard PVC conduit a E-LOC coupling shall be used. Use of a standard PVC coupling is prohibited.

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5. Section 2: (*Various Changes to subsection #'s*)

- a. 2.1.3
 - i. Changed from SDR 13.5 to SDR 11
 - ii. Add Stranded
- b. Added 2.1.5
 - i. Trenched in conduit shall be PVC conduit only. HDPE conduit is strictly prohibited for trenched in conduit except for FOC interconnect.
- c. 2.4
 - i. Changed from SDR 13.5 to SDR 11
 - ii. Add Stranded

6. Section 3:

- a. 3.1.3
 - i. Add additional pull box sizes
- b. 3.3
 - i. Changed Logo on Pull Box Layouts for Power - Intersection Lighting added "Street Lighting"

7. Section 4:

- a. No revisions made.

8. Section 5:

- a. 5.1.13A
 - i. Changed from grouted to screened
- b. 5.1.15
 - i. Removed See attached maintenance agreement
- c. 5.3
 - i. Removed - Maintenance agreement will be posted on website

9. Section 6:

- a. 6.1.4
 - i. Removed See attached maintenance agreement
- b. 6.1.5A
 - i. Changed from grouted to screened
- c. 6.3
 - i. Removed - Maintenance agreement will be posted on website

10. Section 7:

- a. No revisions made.

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11. Section 8:

- a. No revisions made.

12. Section 9:

- a. 9.9
 - i. Revised 5-Section Color Code Table
 - ii. Added High-Intensity Activated CrossWalk Signals (HAWKS) Color Code Table
 - iii. Revised Blank-Out sign Color Code Table

13. Section 10:

- a. 10.1.3
 - i. Grammar Corrections
- b. 10.1.6
 - i. Grammar Corrections

14. Section 11:

- a. 11.1.9
 - i. Added Schedule 80
- b. 11.2.1
 - i. Add +/-3" to the note, allowing the variance to use 8' pedestal poles

15. Section 12: (*Various Changes to subsection #'s*)

- a. 12.1.1
 - i. Added Cabinet Part No.
- b. 12.1.2
 - i. Changed ASC/3 to EOS SW
 - ii. Changed Controller Part No.
- c. 12.2.2
 - i. Grammar Corrections
- d. 12.4.3
 - i. Changed UPS from TCS Myers Powerback 2000 with serial to Ethernet interface card Model # PB 2000 ITS to Econolite ZincBlue2 XRT and shall include a 5-year warranty on all components.
- e. Added 12.5.1
 - i. THE SETTINGS BELOW ARE ONLY FOR TCS MYERS POWERBACK UPS



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16. Section 13:

- a. Various changes made to the following sub sections
 - i. 13.1.2B
 - ii. 13.1.2C
 - iii. 13.1.2D
 - iv. 13.1.2E
 - v. 13.1.2F
 - vi. 13.1.3B
 - vii. 13.1.3C
 - viii. 13.1.3D
 - ix. 13.1.3E
 - x. 13.1.3G
 - xi. 13.1.3H
 - xii. 13.1.3I
 - xiii. 13.1.3J
 - xiv. 13.1.5
 - xv. 13.1.9

17. Section 14:

- a. 14.2.3
 - i. Add additional pull box sizes
- b. 14.2.4
 - i. Add additional pull box sizes
- c. 14.2.5
 - i. Add additional pull box sizes

18. Section 15: (*Various Changes to subsection #'s*)

- a. 15.1.2
 - i. Removed - 15.1.3 is now 15.1.2
- b. 15.1.3
 - i. Removed FLIR Trafisense2

19. Section 16:

- a. No revisions made.



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20. Section 17:

- a. 17.2.3
 - i. List 1. Corrected power supply part No.
 - ii. List 2. Corrected power supply part No.
- b. 17.3.4
 - i. Various changes to Model and Part No.
- c. 17.4.2
 - i. Various changes to Model and Part No.
- d. 17.7.2
 - i. Changed from SmartSensor HD to Expanse System
- e. 17.7.3
 - i. Changed from SmartSensor HD to Expanse
 - ii. Changed from Click equipment to ARC
- f. 17.7.5
 - i. Changed from 1,000 cable feet to 2,000 cable feet
- g. 17.7.6
 - i. Grammar Corrections
- h. 17.7.7
 - i. Grammar Corrections

21. Section 18:

- a. 18.1.8
 - i. Add Schedule 80
- b. 18.3.3
 - i. Add Temple/AI - LPM 500-030 with 10 Year Plan.
- c. 18.5
 - i. Various changes made to Section 18.5.
- d. 18.6
 - i. New Section for Electronic Speed Feedback Signs (ESFS)

22. Section 19: (*Various Changes to subsection #'s*)

- a. 19.1.1
 - i. Grammar Corrections
- b. 19.1.3
 - i. Add Static Street Name Sign Specifications for standardization.
- c. 19.2.2
 - i. Specified R10-12A Sign for Standardization.



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23. Section 20:

- a. 20.1.1
 - i. Grammar Corrections
- b. 20.1.12
 - i. Revised Sea Turtle/wildlife friendly Intersection Lighting Fixtures.
- c. 20.2.1
 - i. Grammar Corrections
- d. 20.2.2
 - i. Grammar Corrections and added 240 VAC Intersection Lighting is Preferred.

24. Section 21:

- a. Various changes made to Section 21.