



MEMO

December 5, 2019

To: District Engineers

From: Michael A. Chacon, P.E.
Director, Traffic Safety Division

Subject: Revisions to Roadway Illumination Poles (RIP) Standard Sheets

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The Roadway Illumination Poles (RIP) standard sheets have been revised to address construction issues related to roadway lighting systems on highways. Descriptions of the changes to the new RIP standard sheets are provided below:

RIP (1)-19

- Updated pole specification to AASHTO 6th Edition

RIP (2)-19

- Updated pole specification to AASHTO 6th Edition
- Clarified rise height of luminaire arms
- Added information for poles mounted on retaining walls
- Corrected dimension for the top diameter of a 50 ft. transformer base pole
- Updated Pole Assembly Fabrication Tolerances Table
- Updated Material Data Table
- Added note referring to RID(1) for installation of transformer base poles

RIP (3)-19

- Clarified rise height of luminaire arms
- Updated Arm Assembly Fabrication Tolerances Table
- Updated handhole details

RIP (4)-19

- Updated pole specification to AASHTO 6th edition
- Changed shoe base and transformer base anchor bolt templates to round template only in response to problems with square templates being used on projects.
- Added nuts to top template of transformer base anchor bolt cage to hold template in place during installation.
- Removed tack welds from bottom template of all anchor bolt cage details.

The standard detail sheets may be used immediately and shall be used for all applicable PS&E sets beginning with the April 2020 letting.

The new sheets are available in Microstation and PDF formats at the following address:

<http://www.txdot.gov/insdtdot/orgchart/cmd/cserve/standard/toc.htm>

If you have any questions, please contact me at (512) 416-3200 or Greg Jones at (512) 416-3121.

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