



## MEMO

July 24, 2017

**To:** District Engineers

**From:** Michael A. Chacon, P.E. *M.A. Chacon, P.E.*  
Director, Traffic Operations Division

**Subject:** Re-issue of ITS Pole Grounding Details ITS(19)-17 Standard Sheet

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Standard sheet ITS(19)-17 has been revised to address comments we received and to provide additional clarifications.

Revisions to this sheet include:

- Removed bonding jumper between anchor bolt leveling nut and base plate.
- Added Reference Notes #3 and #4.
- Revised the General Notes.
- Provided distinction between the two drawing details for clarification.
- Added a 1" conduit to separate conductors running from the cabinet and air terminal to the ground rod(s).
- Provided clarification on requirements for ground rods and ground ring.

The acronym used to identify the sheet will include a "-17" extension to indicate the revision. The ITS(19)-17 sheet may be used immediately and shall be used for all applicable PS&E sets beginning with the December 2017 letting.

The ITS(19)-17 standard is available in MicroStation and PDF formats at the following web address:

<http://www.dot.state.tx.us/insdot/orgchart/cmd/cserve/standard/toc.htm>

If you have any questions, please contact Charles Koonce at (512) 506-5116, Greg Jones at (512) 416-3121 or me at (512) 416-3200.

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