



MEMO

February 23, 2016

To: District Engineers

From: Carol T. Rawson, P.E., Director *Carol T. Rawson, P.E.*
Traffic Operations Division

Subject: Intelligent Transportation System - Standard Sheets – ITS (27 - 45) - 16

The Traffic Operations Division (TRF) has prepared standard sheets for Intelligent Transportation Systems (ITS) applications.

Standard sheets ITS (27 - 45) – 16 include the following:

- ITS Conduit Details including:
 - Trench and bore details
 - Conduit hanger and structure mounting details
 - Conduit transition and obstruction crossing details
- ITS Ground Box Details including:
 - Type 1 and Type 2 ground box details for ITS communications infrastructure (precast concrete and polymer concrete)
- ITS Fiber Optic Cable Details including:
 - Fiber optic cable miscellaneous details including fiber optic backbone schematic and splice enclosure details
 - Fiber optic cable aerial installation details

These standard sheets use Bridge TrueType Fonts. For proper display of these standards in MicroStation extract font files provided on our web page into the C:\Windows\Fonts directory. Compare the PDF file with the DGN file for validation on correct fonts displayed in MicroStation. Please see memo from BRG dated August 29, 2013 (“New Microstation Font for Bridge Design Drawings”) for additional information regarding installing these fonts.

These standard sheets may be used immediately and will be required for all new construction projects, for which the applicable standard details are needed, beginning with the September, 2016 letting.

The new standard sheets are available in MicroStation and PDF formats at the following web address:

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

If you have any questions or need additional information, please contact Charles Koonce at (512) 506-5116 or me at (512) 416-3200.

Attachment

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