





MEMO

July 9, 2015

To: District Engineers

From: Gregg Freeby, P.E., Director 
Bridge Division

Carol Rawson, P.E., Director 
Traffic Operations Division

Subject: Intelligent Transportation System (ITS) Standard Sheets - ITS (1 - 13) - 15 and
ITS (24 - 26) - 15

The Bridge Division (BRG) in cooperation with the Traffic Operations Division (TRF) has prepared standard sheets for Intelligent Transportation Systems (ITS) applications.

ITS standard sheets ITS (1 - 13) - 15 and ITS (24 - 26) - 15 include the following:

- ITS Pole includes:
 - Details for ITS Pole structure, foundation, air terminal , equipment mounting and riprap (maintenance pad)
- ITS Pole Extension for Overhead Sign Structure mounting includes:
 - ITS Pole Extension details for concrete column, steel pipe column, and steel truss tower
- ITS Solar Power System pole mounting includes:
 - Pole mounting details for steel pole, aluminum pole and wood pole

Please note that the engineer using the details of ITS(10)-15 thru ITS(13)-15 to retrofit an existing structure or for new construction shall determine that the structure has adequate capacity to support the poles that are to be attached thereto.

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.

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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 December 2015 letting.

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

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

If you have any questions or need additional information, please contact Tim Bradberry at (512) 416-2179 or Charles Koonce at (512) 506-5116.

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