



# MEMO

August 29, 2013

**To:** District Engineers

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

**Subject:** New Microstation Font for Bridge Design Drawings

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The Bridge Division and its consultant engineers will begin using new fonts on bridge design drawings for projects initiated **September 1, 2013** and beyond. These new fonts are TrueType fonts developed for engineering drawings by the Florida Department of Transportation and offer several key advantages over our currently used fonts:

- Improves readability
- Requires less page space for text without reducing font size
- Provides identical appearance across different applications such as Excel, Word, AutoCAD, etc.
- Facilitates dynamic linking of Microstation files with Microsoft files such as Word and Excel files.

The fonts used by the Bridge Division will be:

- FDOT (general purpose text and dimensions)
- FDOTBold (bold font for titles and title blocks)
- FDOTMono (tabular information from external sources such as Excel or PGSuper).

For general PS&E development TXLEROY Font=22 or LEROY Font=1 remain approved per the PS&E Preparation Manual. TXLEROY Font=22 was developed to address 11 x 17 plot output and add certain engineering symbols. GEOPAK specific routines default to TXLEROY Font=22.

Bridge Division Standard Drawings will be converted to the new fonts in their normal revision cycle. Three standards – AJ, SEJ-A, and SEJ-S(O) – currently employ the new fonts. Until conversion is complete, it is acceptable to have standard drawings with different fonts in the plan set. If modification of a standard drawing is necessary for a specific project, the font should remain as given in the original drawing. A future revision of the Bridge Detailing Guide will also reflect use of the new font.

A LANdesk package has been created to install these new fonts on a TxDOT PC. Please submit a TxDOT NOW ticket to request installation. This package is specific to Win 7 x64 and MicroStation V8i only.

Package name : **TxDOT Bridge Division fonts (FDOT True Type Fonts) – Install (Win7 x64)**  
Location: **Public Packages > DIV > BRG > Install**

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Consultant engineering firms doing business with TxDOT can obtain the new true type fonts from the Bridge Standards web page. See <http://www.dot.state.tx.us/business/standardplanfiles.htm>.

Questions on implementation of the new fonts should be directed to Dacio Marin III, P.E., at 512/416-2223, Tyra Gentry at 512/416-2198, or Jon Ries at 512/416-2191.

Note: Original Signed by Gregg A. Freeby

**CC:** Federal Highway Administration  
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