



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 13-02 Technical Advisory

January 25, 2013

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/ Elizabeth W. Phillips
Elizabeth W. Phillips
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Division of Bridges

SUBJECT: *INDOT CAD Standards Manual*

REVISES: *Indiana Design Manual Chapter 15*

EFFECTIVE: Stage 1 submission on or after March 31, 2013

The *INDOT CAD Standards Manual* is available for download at http://www.in.gov/indot/design_manual/. The *CAD Standards Manual* provides guidelines regarding the preparation and final appearance of road, bridge, and traffic plans. It is currently in use for in-house designed projects. INDOT is taking a moderate approach to implementing CAD standards for consultant-designed projects, beginning with standards for the “look and feel” of plans. These elements should be incorporated into plan submissions in accordance with the effective date shown above. This requirement applies to both INDOT and Local Public Agency (LPA) projects.

“Look and feel” elements are described primarily in Sections 4.6 and 4.7 of the *CAD Standards Manual* and are readily apparent in the PDF deliverable. A CAD standards style sheet is attached to illustrate the content of these sections. The drafting guidelines in Section 14-3.0 of the *Indiana Design Manual* are supplemented by the *CAD Standards Manual* and are still in effect.

Requirements for an electronic deliverable (.dgn, .dtm, etc.) and implementing the CAD standards associated with an electronic deliverable have not been determined. End-user needs will determine the schedule and extent of implementing these sections of the *CAD Standards Manual*; however, consultants are strongly encouraged to start implementation now. This direction should not be construed as a requirement to use a specific drafting platform.

The INDOT CAD Support website, <http://www.in.gov/indot/3084.htm>, has Microstation seed files, cell libraries, and other resource files available for download.

Questions regarding the CAD workspace and resource file downloads should be directed to indotcadsupport@indot.in.gov. Questions regarding the content of the *CAD Standards Manual* and plan presentation should be directed to ephillips@indot.in.gov.

