

INDIANA DEPARTMENT OF TRANSPORTATION



INTER-DEPARTMENT COMMUNICATION
Standards Section – Room N642



Writer's Direct Line
232-6775

November 22, 2005

DESIGN MEMORANDUM No. 05-36 TECHNICAL ADVISORY

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

FROM: /s/ Anthony L. Uremovich
Anthony L. Uremovich
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SUBJECT: English-Units *Indiana Design Manual* and
Additions and Corrections to *Manual*

EFFECTIVE: Immediately

I. English-Units *Manual*

A beta-test english-units version of all *Indiana Design Manual* Parts except VI, Structural Design, has been posted on the Department's Internet site at www.in.gov/dot/div/contracts/standards/dm/english/. If you have questions or comments regarding this version, contact Bob Cales at rcales@indot.state.in.us, or 317-233-4794. It may be used for the design of english-units projects.

II. Additions to the *Manual*

Additional information has been incorporated into both the metric- and english-units online versions of Part II, Chapter Fourteen, in the locations as follows:

1. Section 14-1.02(03), Item 7, add *Manual* section reference;

2. Section 14-1.02(03), Item 15. The newly referenced Asbestos Certification has been incorporated into the Editable Documents webpage at www.in.gov/dot/div/contracts/standards/dmforms/, Certification Figure 14-1B(1);
3. Section 14-1.02(03), Item 16, add reference to editable-documents website domain;
4. Section 14-2.03(02), add Practice Pointer following Item 7, regarding scour elevation;
5. Section 14-2.03(03), Item 7.d., add requirement for plan note regarding bridge live load
6. Section 14-2.03(07), Item 6.e.(1), add Soil Borings sheet requirements; and
7. Section 14-3.05(02), add information regarding Layout sheet scales.

III. Corrections to the *Manual*

- A. English-units version of Part II, Section 17-3.10(01). The application rate of mulching material has been corrected to be in accordance with the INDOT *Standard Specifications*.
- B. Both versions of Part IV, Figure 36-2A. The indications of compatibility of castings type 8 and 10 with manholes have been corrected to complement Standard Drawing 720-CDSC-01.
- C. English-units version of Part V, Figures 43-3A(1) and 43-3(A)3. Some of the values in the table have been corrected to complement the AASHTO *Policy on Geometric Design of Highways and Streets*.
- D. English-units version of Part V, Figure 43-3C. The values in the table have been corrected to complement the rest of the figure.
- E. English-units version of Part V, Section 44-3.0. The vertical-curve equations have been corrected to english units where necessary.
- F. English-units version of Part V, Chapter Fifty-two. The Figures 52-13 series has been corrected where required as follows:
 1. The densities of HMA lifts have been corrected to pounds per square yard; and
 2. The aggregate-size units for such HMA courses have been corrected to millimeters.

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