



Montana Department of Transportation  
PO Box 201001  
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## Memorandum

To: Distribution

From: Paul Ferry, P.E.  
Highways Engineer

Date: November 12, 2009

Subject: Significant Figures in Road Plans

As the result of a question that came up at a Lead CADD Users Meeting, we met to establish the number of decimal places that need shown in English plan packages for the Control Abstract and Centerline Coordinate Table, as well as text files exported for the ROW Base Line & ROW Break Points.

We have determined that the coordinates shown in the Control Diagram, the Centerline Coordinate Table and the Right-of-Way Export Files will be shown to three (3) decimal places. Although one may argue that the field surveys are not done to this level of accuracy, the 3 decimal format was chosen to ensure that no inconsistencies will occur between the road plans and right-of-way plans.

If any discrepancies occur for any reason (e.g. due to the rounding of bearings and/or distances) the coordinates will take precedence.

These changes must be included in all projects that have not been submitted to the checkers by December 2009.

If you have questions concerning this, please contact me at 444-6244.

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