R. Thomas, PE

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

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SECRETARY

MEMO TO: Roadway Design Project Engineers
Location and Surveys Regional Locating Engineers

FROM: Jay A. Bennett, PE
State Roadway Design Engineer

Charlie W. Brown, PE, PLS
State Location and Surveys Engineer

DATE: December 1, 2009

SUBJECT: Baseline Information Shown on Roadway Plan Sheets

Representatives from the Roadway Design Unit, the Hydraulics Unit, the Geotechnical Unit, the Construction Unit, and the Location and Surveys Unit recently met to discuss the possibility of reducing the amount of baseline data shown on the roadway plan sheets. From these discussions it has been determined that the baseline point symbol and point names are the only data required to be shown on the roadway plan sheets. Location and Surveys will still continue to provide the baseline alignment, tick marks, bearings, points, and point names in the FS MicroStation file for information purposes but Roadway Design will no longer show the baseline alignment or tie the baseline points to the proposed alignments at any stage of plan development.

Currently the Location and Surveys MicroStation Design Database plots the baseline alignment stations and point names on the same MicroStation Level. In order to plot only the baseline point names as required, these two elements will need to be on separate levels. Through coordination with CADD Services it has been determined that it is not practical to separate these two items in the Design Database. Therefore, to comply with the recommendations above, the Location and Surveys MicroStation Design Database has been modified to only plot the baseline point names.

All existing baseline files which have been delivered to Roadway Design do not need to be updated and may follow the current plot procedures. From today's date forward, Location and Surveys will no longer show the baseline alignment stations in the FS MicroStation file.

By copy of this memo we request the Contract Standards and Development Unit update the Review Lists for Checking Plans to align with this memo.

If you have any questions, please contact Ron McCollum, PE at 919-250-4016 or Emory Kincaid, PLS at 919-250-4109.

JAB, CWB/rem

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