



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

December 7, 2009

To: Location & Survey Staff
Private Engineering Firms

From: Charles W. Brown, PE, PLS 
State Location & Surveys Engineer

Subject: Proc 2009-3
Baseline Information Shown on Roadway Plan Sheets

Per the attached letter there will be no baseline shown on Roadway Plan Sheets. The L&S data that will be provided will remain the same (baseline control points and alignment, etc.). This data will continue to be transmitted and stored in the usual methods. Our baseline will still be available for Hydro, Geotech, or others as needed.

Please make your staff aware of this change. Thank you for your cooperation. Do not hesitate to contact this office with any questions.

CWB

Attach: Memo from Bennet, Brown: "Baseline Information Shown on Roadway Plan Sheets"

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
LOCATION & SURVEYS UNIT
1588 MAIL SERVICE CENTER
RALEIGH NC 27699-1588

TELEPHONE: 919-250-4109
FAX: 919-250-4223

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B-ENTRANCE B4
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610
Proc 2009-3.doc



Mr. Charles W. Brown, PE, PLS

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DEPARTMENT OF TRANSPORTATION

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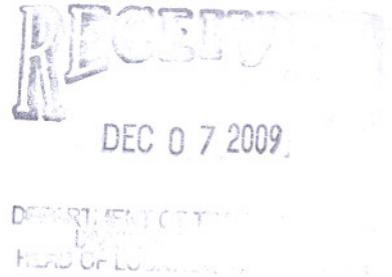
MEMO TO: Roadway Design Project Engineers
Location and Surveys Regional Locating Engineers

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

cc: Art McMillan, PE
Cynthia Perry, PE
Emory Kincaid, PLS
Ron Hancock, PE
Division Construction Engineers

Dale Burton, PE, PLS
J. Watson McNeil, PE, PLS
Rodger Rochelle, PE
Roadway Construction Engineers