



*Yellow League
Roadway*

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

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SECRETARY

MEMO TO: Roadway Design Project Engineers
 Roadway Design Project Design Engineers
 Hydraulics Project Engineers
 Hydraulics Project Design Engineers
 Division DDC Offices

FROM: Jay A. Bennett, PE, State Roadway Design Engineer *Jay A Bennett*
 D. R. Henderson, PE, State Hydraulics Engineer *DRH*

DATE: July 26, 2005

SUBJECT: Changes in CADD Design for Hydraulics

In order to eliminate conflicts from occurring in drawings sent to the permitting agencies from each unit, the Hydraulics Unit has requested the following changes to the CADD Design.

Slope Stake Lines at Stream Locations

Roadway Design will remove the slope stakes from the design file at the nearest even station around approach fills. Hydraulics will provide slope stakes in this area based on their computations.

Existing Ground Profile

In order for plans to match the permit drawings, Roadway Design will draw existing ground profiles using the 'Method of Triangles' instead of 'Method of Increment'.

Details*

TIN File:

Method: ▼

This will create a more accurate representation of the ground line. Any discrepancies in the profile shall be worked out between the Hydraulic Engineer and the Roadway Engineer.

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Bridge Sketches:

Bridge sketches should be drawn in the plan sheet file (psh) and not in the design file (dsn). This will allow Hydraulics to reduce clutter when plotting permit drawings for the agencies.

These changes are effective immediately. If you have any questions please, contact me or Mr. Jim McMellon at 919-250-4016.

JAB/jm

cc: Art McMillan, PE
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