



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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GOVERNOR

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SECRETARY

October 4, 2011

FROM: Work Zone Traffic Control Section

TO: Industry and NCDOT personnel

SUBJECT: **NC REQUIREMENTS FOR PORTABLE CONCRETE BARRIER**

- 1) NC Approved NCHRP 230 Portable Concrete Barrier can be used on any project let before January 1, 2012.
- 2) NC Approved NCHRP 230 Portable Concrete Barrier on a project currently under construction or will be under construction after January 1, 2012 can be used
- 3) Beginning with **January 2012 Letting**, all portable concrete barrier used on NCDOT projects **must be NC Approved NCHRP 350 barrier**.

General Requirements

- Only one type of portable concrete can be used in a "run" of barrier on a project.
- It is acceptable to use more than one type of portable concrete barrier on a project as long as it is not mixed and matched on a "run" of barrier
- Any portable concrete barrier the Department is to take ownership of at the completion of the project is required to have exposed hardware galvanized if it was manufactured after September 26, 2002. There is no galvanized hardware requirement for Contractor owned, maintained and retained barrier.
- If nominal sized 3 inch, #210 or larger Spring Pins are used on approved NC 230 barrier as locking mechanisms for the connection rods, the bottom washer may be omitted.