CABLE GUIDERAIL

1. Material must come from a NCDOT approved guardrail producer. The current listing of approved guardrail producers can be found on the Department's Vendor System.

2. Unlike steel beam guardrail, cable guiderail is not produced under a brand registration program. Therefore, it is imperative that the materials be accompanied by the appropriate Producer's Bill of Lading (BOL), materials certification, and Quality Control (QC) test report.

3. Division Personnel must insure that each reel of cable has the Producer's Reel Tag attached to it and that it matches up with the supplied BOL and Test Report.

4. There presently are two (2) NCDOT approved Producers for cable guiderail:

> Florida Wire and Cable – Jacksonville, FL
> Cal-Wire Stranding Co. – Vernon, CA

Sampling procedure will differ depending on which of the above is supplying the cable.

NOTE: Please see memorandums from Mr. Randy Pace of 6/24/1999 and 12/10/1999 for full details on sampling and acceptance procedures for cable guiderail.

5. If samples are needed:

One cable sample = One 30 ± 6 inch cable section
One splice sample = One splice per each 20 splices installed.

(Note: cable splices samples must always be taken and should include 30" ± 6" of cable on either side of the splice connector.)

6. The precast concrete anchors used with cable guiderail should be pretested and stamped "NCDOT Approved" by Materials and Tests technicians prior to shipment from the producer's facility. However, is anchors are not stamped, Division Personnel should contact their local Section Materials Specialist immediately for inspection and approval of the anchors.

7. Division Personnel should fill out a "Report of Materials Received" (M&T Form 251), making sure to indicate the Producer name and the Reel Tag Numbers received.