

State DOT: North Carolina

State Report Questions on NDT Testing

1. What NDT testing methods for concrete materials, concrete pavements, and overlays are you trying?

NCDOT uses the MIT Scan for location of dowel bars and MIT T2 for depth of the pavement.

2. In your experience, how does the reliability of NDT testing methods compare to traditional testing methods?

With the MIT Scan for location of dowel bars the debate is whether to cut shipping wires or not. Several reports have been studied by FHWA and others and have had it in our specifications to cut wires which have worked well for baskets. We also use the MIT Scan for DBI installation of dowel bars.

We have also experimented with the MIT T2 and this method is very accurate.