NCWedge - BETA Version 9.5

NCWedge is an MDL application designed to automate the engineering process of resurfacing and wedging pavement quantities. It provides computation of station profile grade control elevations and assists in setting resurfacing grades.

This application is linked with the Geopak GAL application library, allowing it to scan and read cross section design files and shape files created via Geopak. The Geopak COGO engine is also utilized for dynamic geometric calculations.

NCWedge is the creation of Ross A. McDowell, formerly of Engineering Technology Systems of the North Carolina Department of Transportation, and is thereby the sole property of NCDOT.

An Overview

What do I need to start a wedging project?

NCWedge file types and extensions

Starting a Wedging Project File

Cross Section Stations

Wedging Design Alignments

Loading Geopak Shapes (as proposed wedge surface)

Grade Control Elevations

NCWedge Grade Files (Creation and Usage)

Wedging Pavement Quantities

Utilities