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AGTEK's Highway Road Construction Software Imports DOT Survey and Design Files

Making Sense of Data

Bring your data to life with 3D visualizations and analytics to ensure projects are bid and constructed efficiently. Import road alignments, corridor models, and cross section data from design packages including CAD and PDF, or manually enter COGO and cross sections. AGTEK combines data from multiple sources, supporting all available DOT formats. Break data into construction phases, model material movement, and plan hauls with ease.

Production Management

Utilize the power of drone imagery and point clouds to validate pre-bid site conditions and measure production progress during construction. Sync data to mobile apps and put actionable information in the Foreman's hands to make faster informed decisions in the field. Calculate volumes and determine balance regions in the field to ensure you move the dirt once.

Mass Haul

Create intuitive mass diagrams and haul reports to show how to efficiently move material on linear projects. Determine in-station and alignment-station material movements. Calculate average haul lengths and haulage brackets. Fly drones for progress updates and calculate updated mass diagrams. Report how the dirt has moved and the most efficient way to finish the job.

Integrate, Calculate, Visualize

AGTEK's Highway software is a robust tool that can enhance the effectiveness of various industries related to highway construction and infrastructure development, offering a reliable solution from the planning phase all the way through to project management.