

Winchester Regional Airport

Runway Reconstruction

Location: Winchester, Virginia

Client: Winchester Regional Airport Authority

Value: \$7 million



Overview

The ultimate goal of this project was to accommodate more jet traffic on a 5,500-foot runway. To accomplish this, we shut down the runway in September, demolished seven homes that were adjacent to the taxiway, removed the piping and drainage that were in the homes, and leveled the land to prepare it for future development. Paving began before Halloween and we were able to finish most of it before Thanksgiving.

Challenge

This project was designed for summer construction, and because we started later than expected due to permit delays, the heavy rainfall and cold temperatures required us to reevaluate our schedule. The unavailability of our portable asphalt plant presented an even bigger challenge.

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Solution

To resolve the asphalt issue, we sourced materials from a local supplier. Although we would have preferred to use our own plant since it allows for a quicker production rate, we were still able to achieve the same FAA-approved mixture by working with this local vendor. When all was said and done, 28,000 tons of asphalt were used for this project.

Result

We wrapped this project up in mid-December. By improving the pavement structure of the runway, Winchester Regional Airport, a small county airfield that previously had no commercial traffic, can now accommodate more air traffic, including regional private jets.

“Despite getting a later start and a few weather delays, we managed to keep this project on schedule.”

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