

Date : 09/18/2025
Project No : 2025C224
Client Company : C. W. MATTHEWS CONTRACTING CO., INC.
Arrival Time : 09/18/2025 7:00
Onsite Hours : 11:00

ASEC Report ID : 86145
Name of the Project : PDK Airport - RUNWAY 3R-21L KEEL
REPLACEMENT
Project Location : PDK AIRPORT, DEKALB County, GA
Weather : sunny
Departure Time : 09/18/2025 18:00
ASEC Technician Name : Aminullah Azimi

At the request of the client's representative, AS ENGINEERING AND CONSULTING, LLC (ASEC) representative Amin Azimi visited the job site to observe the contractor's work activities from a quality assurance standpoint. The purpose of the visit was to verify compliance with the project drawings, specifications, applicable codes, and approved material submittals, as well as to perform quality control testing in accordance with project requirements.

During this shift, work was in progress on Phases 1D and phase 1E Taxiway A.

A second proof roll was performed on the subbase soil cement in Phases 1D and Taxiway 1E, between STA 1073+38 and STA 1080+03, and on the finished grade of graded aggregate base (GAB) in Phase 1C, from STA 1069+40 to STA 1069+81 and on phase 1D from STA 1069+81 to STA 1072+80. A fully loaded tandem axle truck was used for the proof-rolling. Multiple passes were made across the finished grade GAB, and no severe yielding or deflection was observed during this portion of the activity. However, in the soil cement, some yielding and deflection were noted in phase 1D in the middle section. It was recommended that these areas be remixed with an additional 20-25 pounds of cement per square yard to meet specification requirements.

The proof-rolling activities were jointly observed by the undersigned (Amin Azimi), Christian (QA Representative from Nova), and Daug (Representative of ATL Pavement). In addition, the contractor placed 8 inches of GAB in phase 1C from STA 1060+80 to STA 1072+80.

Also performed depth checks for the GAB in phase 1C from STA 1064+40 to 1069+81 at 10 random places. It was acceptable for the QA.

Compaction testing was conducted on the finished grade GAB in Phase 1C from STA 1060+80 to STA 1072+80 using a Troxler nuclear density gauge. The results indicated that most of the compacted material met the project requirement of achieving a minimum of 100% of the maximum dry density, in accordance with ASTM D1557 (Modified Proctor).

We appreciate the opportunity to support this project. Should you have any questions regarding this report, please do not hesitate to contact us. We would be pleased to discuss our findings further.

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Kenneth Mosman

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