

Date : 09/08/2025
 Project No : 2025C224
 Client Company : C. W. MATTHEWS CONTRACTING CO., INC.
 Arrival Time : 09/08/2025 6:30
 Onsite Hours : 9:00

ASEC Report ID : 85720
 Name of the Project : PDK Airport - RUNWAY 3R-21L KEEL
 REPLACEMENT
 Project Location : PDK AIRPORT, DEKALB County, GA
 Weather : sunny
 Departure Time : 09/08/2025 15:30
 ASEC Technician Name : Aminullah Azimi

Test Date	Test Number	Moisture Content (%)	Dry Density (pcf)	Proctor Number	Max. Dry Density (pcf)	Optimum Moisture (%)	Compaction (%)	Specified Compaction (%)	ASTM Test Method	Pass/Fail
09/08/2025	1	18.6	108.2	2025-040-MP	119.0	12.9	90.9	100	D6938	Fail
Location : Section 1A, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	2	22.8	104.2	2025-040-MP	119.0	12.9	87.6	100	D6938	Fail
Location : Section 1A, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	3	22.8	104.2	2025-040-MP	119.0	12.9	87.6	100	D6938	Fail
Location : Section 1A, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	4	9.3	126.6	2025-040-MP	119.0	12.9	97.3	100	D6938	Fail
Location : Section 1A, Elv/Depth :at finished grade										
Comment : There was M10 sand mixed with the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	5	6.4	127.0	2025-040-MP	119.0	12.9	100.3	100	D6938	Pass
Location : Section 1A, Elv/Depth :at finished grade										
Comment : There was M10 sand mixed the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	6	8.6	128.4	2025-040-MP	119.0	12.9	99.3	100	D6938	Fail
Location : Section 1A, Elv/Depth :at finished grade										
Comment : There was M10 sand mixed with the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	7	5.4	126.1	2025-040-MP	119.0	12.9	100.5	100	D6938	Pass
Location : Section 1A, Elv/Depth :at finished grade										
Comment : There was M10 sand mixed with the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	8	4.4	127.7	2025-040-MP	119.0	12.9	102.8	100	D6938	Pass
Location : Section 1A, Elv/Depth :at finished grade										
Comment : There was GAB mixed with the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	9	3.5	127.4	2025-040-MP	119.0	12.9	103.4	100	D6938	Pass
Location : Section 1A, Elv/Depth :at finished grade										
Comment : There was GAB mixed with the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	10	5.2	128.6	2025-040-MP	119.0	12.9	102.7	100	D6938	Pass
Location : Section 1A, Elv/Depth :at finished grade										
Comment : There was GAB mixed with the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	11	19.1	128.8	2025-040-MP	119.0	12.9	90.8	100	D6938	Fail

Date : 09/08/2025
Project No : 2025C224
Client Company : C. W. MATTHEWS CONTRACTING CO., INC.
Arrival Time : 09/08/2025 6:30
Onsite Hours : 9:00

ASEC Report ID : 85720
Name of the Project : PDK Airport - RUNWAY 3R-21L KEEL
REPLACEMENT
Project Location : PDK AIRPORT, DEKALB County, GA
Weather : sunny
Departure Time : 09/08/2025 15:30
ASEC Technician Name : Aminullah Azimi

Test Date	Test Number	Moisture Content (%)	Dry Density (pcf)	Proctor Number	Max. Dry Density (pcf)	Optimum Moisture (%)	Compaction (%)	Specified Compaction (%)	ASTM Test Method	Pass/Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	12	13	114.0	2025-040-MP	119.0	12.9	95.8	100	D6938	Fail
Location : Section 2B, Elv/Depth :at finished grade Comment : There was M10 sand mixed with the soil in this area. Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	13	11.8	114.9	2025-040-MP	119.0	12.9	96.6	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : There was M10 sand mixed with the soil in this area. Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	14	9.9	117.0	2025-040-MP	119.0	12.9	98.3	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : There was M10 sand mixed with the soil in this area. Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	15	17.6	109.2	2025-040-MP	119.0	12.9	91.8	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	16	19.7	106.9	2025-040-MP	119.0	12.9	89.8	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	17	16.4	110.4	2025-040-MP	119.0	12.9	92.8	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/08/2025	18	19.9	107.3	2025-040-MP	119.0	12.9	90.2	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : Tested By : Aminullah Azimi Gauge Serial No. : 30942										

Remark: Test performed in general accordance with signed referenced ASTM Method.


Kenneth Mosman

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.

Date : 09/08/2025
Project No : 2025C224
Client Company : C. W. MATTHEWS CONTRACTING CO., INC.
Arrival Time : 09/08/2025 6:30
Onsite Hours : 9:00

ASEC Report ID : 85720
Name of the Project : PDK Airport - RUNWAY 3R-21L KEEL
REPLACEMENT
Project Location : PDK AIRPORT, DEKALB County, GA
Weather : sunny
Departure Time : 09/08/2025 15:30
ASEC Technician Name : Aminullah Azimi

PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
09/05/2025	2025-040-MP	119.0	12.9	Modified	Brown Sandy SILT with M-10 sand