

Date : 10/13/2025
Project No : 2025C224
Client Company : C. W. MATTHEWS CONTRACTING CO., INC.
Arrival Time : 10/13/2025
Onsite Hours : N/A

ASEC Report ID : 86848
Name of the Project : PDK Airport - RUNWAY 3R-21L KEEL
REPLACEMENT
Project Location : PDK AIRPORT, DEKALB County, GA
Weather : sunny
Departure Time : 10/13/2025
ASEC Technician Name : Russell Hendrix

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
10/13/2025	1	7.8	119.4	2025-037-MP	132.9	8.2	89.8	100	D6938	Fail
Location : 1045, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										
10/13/2025	2	8.2	118.2	2025-037-MP	132.9	8.2	88.9	100	D6938	Fail
Location : 1040, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										
10/13/2025	3 (retest)	11	113.5	2025-037-MP	132.9	8.2	85.4	100	D6938	Fail
Location : 1030, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										
10/13/2025	4 retest	7.9	117.7	2025-037-MP	132.9	8.2	88.6	100	D6938	Fail
Location : 1020, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										
10/13/2025	5	7.5	118.3	2025-037-MP	132.9	8.2	89.0	100	D6938	Fail
Location : 1015, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										
10/13/2025	6	9.2	117.6	2025-037-MP	132.9	8.2	88.5	100	D6938	Fail
Location : 1010, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										
10/13/2025	7	8.6	117.5	2025-037-MP	132.9	8.2	88.4	100	D6938	Fail
Location : 1005, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										
10/13/2025	8	10.2	118.4	2025-037-MP	132.9	8.2	89.1	100	D6938	Fail
Location : end of completed section, Elv/Depth :										
Comment : Using Nova's proctor also failed compaction. Recommend recompaction and retesting.										
Tested By : Russell Hendrix Gauge Serial No. : 38069										

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

Kenneth Mosman

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The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without

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written approval from AS Engineering and Consulting LLC.

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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
09/15/2025	2025-037-MP	132.9	8.2	Modified	Graded Aggregate Base-Recycled concrete