

Date : 10/11/2025
 Project No : 2025C245
 Client Company : Bearing Engineering
 Arrival Time : 10/11/2025 07:00
 Onsite Hours : 07:00

ASEC Report ID : 86779
 Name of the Project : Dunkin Donuts 2025
 Project Location : US 29, Palmetto, GA
 Weather : Sunny
 Departure Time : 10/11/2025 14:00
 ASEC Technician Name : Sean Willett

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
10/11/2025	1	26.3	92.9	3	94.7	25.3	98.1	95	D6938	Pass
Location : test location #3 retaining wall, Elv/Depth :at finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	2	16.6	100.9	2	103.6	17.1	97.4	95	D6938	Pass
Location : test location #3 retaining wall, Elv/Depth :at finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	3	24.2	84.6	3	94.7	25.3	89.3	95	D6938	Fail
Location : roadway in front of retaining wall, Elv/Depth :4 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	4	29.2	86.1	3	94.7	25.3	90.9	95	D6938	Fail
Location : roadway if front of retaining wall, Elv/Depth :4 feet below finished grade										
Comment : In-situ moisture contents higher than optimum.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	5	23.8	89.7	3	94.7	25.3	94.7	95	D6938	Fail
Location : roadway in front of retaining wall (retest), Elv/Depth :4 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	6	24.3	79.8	3	94.7	25.3	84.3	95	D6938	Fail
Location : roadway in front of retaining wall (retest), Elv/Depth :4 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	7	25.3	87.5	3	94.7	25.3	92.4	95	D6938	Fail
Location : test location #3 retaining wall, Elv/Depth :2 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	8	25.7	87.9	3	94.7	25.3	92.8	95	D6938	Fail
Location : test location #2 retaining wall, Elv/Depth :2.5 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	9	26.2	92.7	3	94.7	25.3	97.9	95	D6938	Pass
Location : test location #3 retaining wall (retest), Elv/Depth :2 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	10	25.2	92.7	3	94.7	25.3	97.9	95	D6938	Pass
Location : test location #2 retaining wall (retest), Elv/Depth :2.5 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	11	22.9	92.3	3	94.7	25.3	97.5	95	D6938	Pass
Location : test location #3 retaining wall, Elv/Depth :1 foot below finished grade										

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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
Comment : Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	12	24.9	91.7	3	94.7	25.3	96.8	95	D6938	Pass
Location : test location #2 retaining wall, Elv/Depth :2 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	13	19.7	88.0	3	94.7	25.3	92.9	95	D6938	Fail
Location : roadway in front of retaining wall (retest), Elv/Depth :4 feet below finished grade Comment : Recompaction required. In-situ moisture content much lower than optimum.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	14	25.1	90.5	3	94.7	25.3	95.6	95	D6938	Pass
Location : roadway in front of retaining wall (retest), Elv/Depth :4 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	15	22.5	92.5	3	94.7	25.3	97.7	95	D6938	Pass
Location : roadway in front of retaining wall (retest) , Elv/Depth :4 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	16	24.4	86.7	3	94.7	25.3	91.6	95	D6938	Fail
Location : test location #1 retaining wall, Elv/Depth :3 feet below finished grade Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/11/2025	17	24.8	90.2	3	94.7	25.3	95.2	95	D6938	Pass
Location : test location #1 retaining wall (retest), Elv/Depth :3 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										

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


Kenneth Mosman

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
10/03/2025	2025-041	115.6	12.7	Standard	Tan and Brown Silty Sand w/clay and rock fragments
10/03/2025	2	103.6	17.1	Standard	Brown sandy silt
10/03/2025	3	94.7	25.3	Standard	Red sandy silt with clay