AS Engineering and Consulting LLC

Density Test Report

Date : 08/28/2026
Project No : 2025C214
Client Company : Artisan
Arrival Time : 08/28/2026 07:30
Onsite Hours : 9:30

ASEC Report ID : 97273
Name of the Project : NW Unit 4 BRIDGE (Materials Testing)
Project Location : Dallas
Weather : sunny
Departure Time : 08/28/2026 17:00
ASEC Technician Name : Clyde Smith

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
08/28/2026	1	14.1	99.2	2025-033 SP	104.0	16.2	95.4	95	D6938	Pass
Location : Backfill at west side bridge abutment, Elv/Depth :7 feet below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										
08/28/2026	2	13.9	100.4	2025-033 SP	104.0	16.2	96.5	95	D6938	Pass
Location : Backfill at west side bridge abutment, Elv/Depth :7 feet below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										
08/28/2026	3	13.8	99.1	2025-033 SP	104.0	16.2	95.3	95	D6938	Pass
Location : Backfill at west side bridge abutment, Elv/Depth :5 feet below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										
08/28/2026	4	14.1	100.3	2025-033 SP	104.0	16.2	96.4	95	D6938	Pass
Location : Backfill at west side bridge abutment, Elv/Depth :5 feet below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										
08/28/2026	5	23.2	89.4	2025-032 SP	94.9	25.0	94.2	95	D6938	Fail
Location : Roadway between storm structures B6.2 ST G1 and B4 ST JB, Elv/Depth :4 feet below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										
08/28/2026	6	22.7	88.2	2025-032 SP	94.9	25.0	92.9	95	D6938	Fail
Location : Roadway between storm structures B6.2 ST G1 and B4 ST JB, Elv/Depth :4 feet below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										
08/28/2026	7	13.8	114.0	2025-035 SP	107.8	13.0	92.9	95	D6938	Fail
Location : Roadway between storm structures B6.2 ST G1 and B4 ST JB, Elv/Depth :4 feet below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										
08/28/2026	8	13.3	111.2	2025-033 SP	104.0	16.2	94.3	98	D6938	Fail
Location : Building Lot #1 NE corner, Elv/Depth :1 foot below finished grade Comment : Tested By : Clyde Smith Gauge Serial No. : 91643										

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

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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 Consultiing LLC.

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
07/28/2025	2025-031 SP	101.0	20.7	Standard	Tan, brown micaceous sandy SILT
07/28/2025	2025-032 SP	94.9	25.0	Standard	Red micaceous sandy CLAY
08/01/2025	2025-033 SP	104.0	16.2	Standard	Tan, brown micaceous sandy SILT
08/14/2025	2025-035 SP	107.8	13.0	Standard	Red sandy SILT
08/14/2025	2025-036 SP	107.0	18.5	Standard	Red micaceous sandy SILT
01/30/2026	Field proctor #6	98.0	17.2	Standard	Multi-colored sandy SILT
05/07/2026	2026-136	113.0	14.0	Standard	Red brown silty sand
05/19/2026	North Bridge mixture	106.8	17.5	Standard	Red brown sandy silt with clay