AS Engineering and Consulting LLC

# Density Test Report

Date : 08/13/2026
Project No : 2025C214
Client Company : Artisan
Arrival Time : 08/13/2026
Onsite Hours : N/A

ASEC Report ID : 96834
Name of the Project : NW Unit 4 BRIDGE (Materials Testing)
Project Location : Dallas
Weather : Sunny
Departure Time : 08/13/2026
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 08/13/2026 | 1 | 17.3 | 119.3 | North Bridge mixture | 106.8 | 17.5 | 95.2 | 95 | D6938 | Pass |
| Location : North section of west side of bridge (20 feet from wall), Elv/Depth :4 feet below finished grade | | | | | | | | | | |
| Comment : Mix of soils | | | | | | | | | | |
| Tested By : Russell Hendrix | | | | | | Gauge Serial No. : 92204 | | | | |
| 08/13/2026 | 2 | 17.1 | 101.9 | North Bridge mixture | 106.8 | 17.5 | 95.4 | 95 | D6938 | Pass |
| Location : South section of west side of bridge (20 feet from wall), Elv/Depth :4 feet below finished grade | | | | | | | | | | |
| Comment : mix of soils | | | | | | | | | | |
| Tested By : Russell Hendrix | | | | | | Gauge Serial No. : 92204 | | | | |

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

Kenneth Mosman

**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 |