

Date : 05/13/2024  
Project No : 2021C002  
Client Company : CW Matthews  
Arrival Time : 05/13/2024 7:30  
Onsite Hours : 08:00

ASEC Report ID : 66517  
Name of the Project : Runway 9L End Around Taxiway  
Project Location : HJAIA  
Weather : cloudy  
Departure Time : 05/13/2024 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 |
|-----------------------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 05/13/2024                                                                        | 1           | 3.9                  | 134.6             | 2              | 141.4                  | 5.7                  | 95.2           | 95                       | D6938            | Pass      |
| Location : In-line valve at STA 7016+27, Elv/Depth :1.5 feet below finished grade |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 38069                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 05/13/2024                                                                        | 2           | 4.9                  | 134.3             | 2              | 141.4                  | 5.7                  | 95.0           | 95                       | D6938            | Fail      |
| Location : In-line valve at STA 7016+27, Elv/Depth :6 inches below finished grade |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 38069                              |             |                      |                   |                |                        |                      |                |                          |                  |           |

**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.

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**PROCTOR DATA SUMMARY**

| TEST DATE  | PROCTOR ID | MAX DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | PROCTOR TYPE | SOIL DESCRIPTION                                     |
|------------|------------|-----------------------|----------------------|--------------|------------------------------------------------------|
|            | 1          | 117.7                 | 12.8                 | Modified     | Reddish Brown Sandy SILT                             |
|            | 2          | 141.4                 | 5.7                  | Modified     | GAB                                                  |
|            | 3          | 118.8                 | 13.0                 | Modified     | Reddish brown Silty SAND with trace clay             |
|            | 4          | 122.7                 | 10.6                 | Modified     | Brown micaceous Silty SAND with rock frags           |
|            | 5          | 122.6                 | 9.6                  | Modified     | Brown micaceous Silty SAND with 50% Asphalt millings |
|            | 6          | 125.9                 | 9.3                  | Modified     | Brown micaceous Silty SAND with 50% Asphalt millings |
| 02/15/2022 | 7          | 119.7                 | 11.0                 | Modified     | Grayish brown Silty SAND                             |
| 02/15/2022 | 8          | 121.6                 | 11.0                 | Modified     | Grayish brown Silty SAND w/ rock frags               |
| 02/15/2022 | 9          | 120.8                 | 11.3                 | Modified     | Grayish brown Silty SAND                             |
| 03/10/2022 | 10         | 119.3                 | 11.5                 | Modified     | Brown Silty SAND                                     |
| 05/19/2022 | 11         | 117.2                 | 13.8                 | Modified     | Brown Silty SAND                                     |
| 05/24/2022 | 12         | 119.8                 | 12.3                 | Modified     | Dark brown Silty SAND                                |
| 05/24/2022 | 13         | 125.1                 | 11.6                 | Modified     | Brown Sandy SILT                                     |
| 05/26/2022 | 14         | 119.8                 | 14.0                 | Modified     | Light brown micaceous Sandy SILT                     |
| 08/29/2022 | 15         | 107.9                 | 17.9                 | Modified     | Brown Silty SAND with Lime                           |
|            | 16         | 124.0                 | 8.7                  | Modified     | M10 Sand                                             |