# Concrete Test Report

Date : 10/31/2025
Project No : 2025C222
Client Company : C. W. MATTHEWS CONTRACTING CO., INC.
Arrival Time : 10/31/2025 06:00
Onsite Hours : 06:30

ASEC Report ID : 87535
Name of the Project : Rivian Plant, I-20 Ramp
Project Location : Rutledge
Weather : Sunny
Departure Time : 10/31/2025 12:30
ASEC Technician Name : Sean Willett

**Location(S):** , i-20 ramp by rest area

**Testing:** 1 Set of concrete specimens (4 per set) were cast during the cast-in-place concrete pour at the above referenced location, in accordance with ASTM C31. The specimen will remain on site for the initial 24-48 hrs curing.

**Compliance:** ☒Field placement of concrete appeared to be in general accordance with the project specifications (i.e., slump, temperature, etc) (refer to remarks below)
☐Deviations and/or noncompliances were noted during the field placement (refer to remarks below)

**Specimen Pick Up:** 1 Sets of concrete specimens/ 4 specimen per set were picked up & transported to AS Engineering and Consulting LLC (ASEC) for curing and testing in accordance with ASTM C39, C670/1231

**Field Curing:** Specimen were stored for the initial 24 hours
☒ Near the poured structure
☐ In an insulated curing box
☐ Other

**Remarks:**

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.

AS Engineering and Consulting LLC

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## PLACEMENT INFORMATION – Cylinder

| | | | |
|---|---|---|---|
| **Set Number:** | N/A | **Laboratory Number:** | N/A |
| **Date Sampled:** | N/A | **Time Sampled:** | N/A |
| **Sampled By:** | N/A | **Concrete Supplier:** | N/A |
| **Contractor:** | N/A | **Mix ID:** | N/A |
| **Truck Number:** | N/A | **Quantity of Load:** | N/A |
| **Time Batched:** | N/A | **Specified Strength:** | N/A |
| **Location of Placement:** | N/A | **Concrete Temp (°f):** | 59 |
| **Number of Samples Cast:** | 4 | **Air Content (%):** | 7 |
| **Ambient Temp (°f):** | 44 | **Unit Weight (pcf):** | 141.0 |
| **Slump (in.):** | 4.5 | **Water Added (gal.):** | N/A |

| Specimen Number | Scheduled Test Date | Date Tested | Age (Days) | Dia (in.) | Area (sq in.) | Max Load (lbf) | Strength (psi) | % Design Strength | Fracture Type |
|---|---|---|---|---|---|---|---|---|---|
| No test results available | | | | | | | | | |

UNLESS OTHERWISE SPECIFIED, TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM METHODS C31, C39, C138, C143, C173, C1064.

**(1) Cone (2) Cone-split (3) Vertical (4) Shear (5) Edge Fracture (6) Pointed**

Kenneth Mosman

**Kenneth Mosman**

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ASEC Technician Name : Sean Willett

## PLACEMENT INFORMATION – Cylinder

**Set Number:** N/A
**Date Sampled:** 10/31/2025
**Sampled By:** Sean Willett
**Contractor:** N/A
**Truck Number:** N/A
**Time Batched:** 10:00
**Location of Placement:** i-20 ramp by rest area
**Number of Samples Cast:** 4
**Ambient Temp (°f):** 50
**Slump (in.):** 7.5

**Laboratory Number:** N/A
**Time Sampled:** 10:15
**Concrete Supplier:** CWM
**Mix ID:** N/A
**Quantity of Load:** N/A
**Specified Strength:** N/A
**Concrete Temp (°f):** 61
**Air Content (%):** 5
**Unit Weight (pcf):** 142.0
**Water Added (gal.):** N/A

| Specimen Number | Scheduled Test Date | Date Tested | Age (Days) | Dia (in.) | Area (sq in.) | Max Load (lbf) | Strength (psi) | % Design Strength | Fracture Type |
|---|---|---|---|---|---|---|---|---|---|
| No test results available | | | | | | | | | |

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