

Date : 09/09/2025  
Project No : 2025C222  
Client Company : C. W. MATTHEWS CONTRACTING CO., INC.  
Arrival Time : 09/09/2025 12:00  
Onsite Hours : 05:00

ASEC Report ID : 85908  
Name of the Project : Rivian Plant, I-20 Ramp  
Project Location : Rutledge  
Weather : Sunny  
Departure Time : 09/09/2025 17:00  
ASEC Technician Name : Russell Hendrix

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**Location(S):** Old Mill Road 3043 Panel STA 505+62

**Testing:** 1 Set of concrete specimens (5 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/ 5 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:** Five cores were extracted at Old Mill Road 3043 Panel STA 505+62 and provided to us.

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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**PLACEMENT INFORMATION - Cylinder**

<b>Set Number:</b> 2025CONC001	<b>Laboratory Number:</b> 2025-041
<b>Date Sampled:</b> 09/09/2025	<b>Time Sampled:</b> 12:00
<b>Sampled By:</b> Russell Hendrix	<b>Concrete Supplier:</b> NA
<b>Contractor:</b> C. W. MATTHEWS CONTRACTING CO., INC.	<b>Mix ID:</b> NA
<b>Truck Number:</b> NA	<b>Quantity of Load:</b> N/A
<b>Time Batched:</b> N/A	<b>Specified Strength:</b> NA
<b>Location of Placement:</b> Old Mill Road 3043 Panel STA 505+62	<b>Concrete Temp (°f):</b> NA
<b>Number of Samples Cast:</b> 5	<b>Air Content (%):</b> N/A
<b>Ambient Temp (°f):</b> NA	<b>Unit Weight (pcf):</b> N/A
<b>Slump (in.):</b> N/A	<b>Water Added (gal.):</b> 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
01	09/14/2025	09/15/2025	6	3.69	10.70	52229	4880	N/A	Type 2
02	09/14/2025	09/15/2025	6	3.72	10.89	52965	4860	N/A	Type 2
03	09/14/2025	09/15/2025	6	3.72	10.89	55680	5110	N/A	Type 2
04	09/14/2025	09/15/2025	6	3.71	10.83	55531	5130	N/A	Type 2
05	09/14/2025	09/15/2025	6	3.72	10.89	65372	6000	N/A	Type 2

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



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*Kenneth Mosman*

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