

Date : 11/09/2023  
Project No : 2022C218  
Client Company : CW Matthews  
Arrival Time : 11/09/2023 9:00  
Onsite Hours : 08:30

ASEC Report ID : 63002  
Name of the Project : Ramp 20 Pavement Replacement -  
IFB-1230102  
Project Location : HJAIA  
Weather : cloudy  
Departure Time : 11/09/2023 17:30  
ASEC Technician Name : Aminullah Azimi

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**Location(S):** Slot drain bottom filling

**Testing:** A Set of concrete specimens (6 Cylinders per set) were cast during the cast-in-place concrete pour at the above referenced location, in accordance with ASTM C31. The cylinders 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)

**Cylinders Pick Up:** A Sets of concrete cylinders/ 6 cylinders 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:** Cylinders 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 Consulting LLC.

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**PLACEMENT INFORMATION**

|                                                         |                                      |
|---------------------------------------------------------|--------------------------------------|
| <b>Set Number:</b> A                                    | <b>Laboratory Number:</b> A          |
| <b>Date Sampled:</b> 11/09/2023                         | <b>Time Sampled:</b> 15:36           |
| <b>Sampled By:</b> Aminullah Azimi                      | <b>Concrete Supplier:</b> Argos      |
| <b>Contractor:</b> Technique                            | <b>Mix ID:</b> 50cAx225              |
| <b>Truck Number:</b> 194                                | <b>Quantity of Load (cu. yd.):</b> 9 |
| <b>Time Batched:</b> 15:02                              | <b>Specified Strength :</b> 5000     |
| <b>Location of Placement:</b> Slot drain bottom filling | <b>Concrete Temperature(°f):</b> 79  |
| <b>Number of samples cast:</b> 6                        | <b>Air Content (%):</b> 3.1          |
| <b>Ambient Temperature (°f):</b> 75                     | <b>Water added (gal.):</b> 0         |
| <b>Slump (in.):</b> 1.5                                 |                                      |

| Specimen Number | Age (Days) | Date Tested | Dia(in.) | Area (sq in.) | Maximum Loads (lbs) | Strength (psi) | % Design Strength | Type of Fracture |
|-----------------|------------|-------------|----------|---------------|---------------------|----------------|-------------------|------------------|
| A               | 0          | 11/09/2023  |          |               |                     |                |                   |                  |

UNLESS OTHERWISE SPECIFIED, TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM TEST METHODS C31, C39, C138, C143, C173, AND C1064. FRACTURE TYPE INDICATED BY NUMBER

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



Kenneth Mosman