Concrete Test Report

ASEC Report ID : 63038
Name of the Project : Ramp 20 Pavement Replacement - IFB-1230102
Project Location : HJAIA
Weather : cloudy
Departure Time : 11/13/2023 17:30
ASEC Technician Name : Aminullah Azimi

Date : 11/13/2023
Project No : 2022C218
Client Company : CW Matthews
Arrival Time : 11/13/2023 7:30
Onsite Hours : 10:00

Location(S): panel 1 to 4, bottom third from west end , 5 and 6 panels bottom half from West end

Testing: A Set of concrete specimens (5 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/ 5 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 Consultiing LLC.

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PLACEMENT INFORMATION

Set Number: A
Date Sampled: 11/13/2023
Sampled By: Aminullah Azimi
Contractor: technique
Truck Number: 748
Time Batched: 8:04
Location of Placement: panel 1 to 4, bottom third from west end
Number of samples cast: 5
Ambient Temperature (°f): 64
Slump (in.): 8

Laboratory Number: A
Time Sampled: 8:35
Concrete Supplier: Argos
Mix ID: 50CAX225
Quantity of Load (cu. yd.): 9
Specified Strength : 5000
Concrete Temperature(°f): 65
Air Content (%): 4.4
Water added (gal.): 0

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
	7	11/20/2023						
1	7	11/20/2023						
3	28	12/11/2023						
4	28	12/11/2023						
5	90	02/11/2024						

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

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Arrival Time : 11/13/2023 7:30
Onsite Hours : 10:00

PLACEMENT INFORMATION

Set Number: B
Date Sampled: 11/13/2023
Sampled By: Aminullah Azimi
Contractor: Technique
Truck Number: 762
Time Batched: 15::03
Location of Placement: 5 and 6 panels bottom half from West end
Number of samples cast: 5
Ambient Temperature (°f): 67
Slump (in.): 9

Laboratory Number: B
Time Sampled: 16:45
Concrete Supplier: Argos
Mix ID: 50CAX225
Quantity of Load (cu. yd.): 9
Specified Strength : 5000
Concrete Temperature(°f): 71
Air Content (%): 5.5
Water added (gal.): 0

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
1	7	11/20/2023						
2	7	11/20/2023						
3	28	12/11/2023						
4	28	12/11/2023						
5	90	02/11/2024						

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

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