Concrete Test Report

ASEC Report ID : 62484
Name of the Project : Ramp 20 Pavement Replacement - IFB-1230102
Project Location : HJAIA
Weather : cloudy
Departure Time : 10/11/2023 20:00
ASEC Technician Name : Aminullah Azimi

Date : 10/11/2023
Project No : 2022C218
Client Company : CW Matthews
Arrival Time : 10/11/2023 9:00
Onsite Hours : 11:00

Location(S): Bottom third of Slot drain 5 panels from 5 panels from East end or from STA 0+00.00 to 1:00.00, at Middle of Slot drain STA 1+80.00 to STA 2+00.00

Testing: A and B 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 and B 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: Note: The onset of rain occurred during the placement of Set B.

AS Engineering and Consulting LLC

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PLACEMENT INFORMATION

Set Number: A
Date Sampled: 10/11/2023
Sampled By: Aminullah Azimi
Contractor: CWM
Truck Number: 2093
Time Batched: 11:55
Location of Placement: Bottom third of Slot drain 5 panels from 5 panels from East end or from STA 0+00.00 to 1:00.00
Number of samples cast: 5
Ambient Temperature (°f): 72
Slump (in.): 7

Laboratory Number: A
Time Sampled: 13:17
Concrete Supplier: Argos
Mix ID: 50CAX225
Quantity of Load (cu. yd.): 9
Specified Strength : 5000
Concrete Temperature(°f): 77
Air Content (%): 4.8
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
A	0	10/11/2023						

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

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Departure Time : 10/11/2023 20:00
ASEC Technician Name : Aminullah Azimi

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Project No : 2022C218
Client Company : CW Matthews
Arrival Time : 10/11/2023 9:00
Onsite Hours : 11:00

PLACEMENT INFORMATION

Set Number: B
Date Sampled: 10/11/2023
Sampled By: Aminullah Azimi
Contractor: CWM
Truck Number: 2191
Time Batched: 17:28
Location of Placement: at Middle of Slot drain STA 1+80.00 to STA 2+00.00
Number of samples cast: 5
Ambient Temperature (°f): 64
Slump (in.): 8

Laboratory Number: B
Time Sampled: 16:20
Concrete Supplier: Argos
Mix ID: 50CAX225
Quantity of Load (cu. yd.): 9
Specified Strength : 5000
Concrete Temperature(°f): 78
Air Content (%): 3
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
B	0	10/11/2023						

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

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