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Concrete Test Report

Project No.: 1192040020-003

ReportNo: CTR:FH19-W02303-C01

Client: Major Cement Co.

CC:

Project: Bagley Streetscape

Detroit, MI 48219

Reviewed By:

Mix Data

Supplier: McCoig Materials
Plant: Springwells - Detroit
Mix: P1-FM

Cement Type: Type I/II Alkali

Admixtures: AEA, Water Reducer

Specified Design Strength (psi): 3500 at age 28 days

Sample Details

Date Sampled: 10/12/19
Sample Location: West half of the south side of 23 rd street
Contractor: Major Cement Co.
Truck/Ticket: 4821/2193488
Sampled By: Don Hayes
Weather: Sunny

Time Batched: 10:10
Time Sampled: 10:45
Batch Size (yd³): 11.00

	Measured	Specified
Slump (in):	5	3.00 to 6.00
Air Temp (°F):	44	
Concrete Temp (°F):	66	
Air Content (%):	6.4	5.50 to 8.00
Unit Weight (pcf):	144.2	
Time in Truck (mins):	30	

Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in ²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)
FH19-W02303-C01\1	10/19/19	7	4.01	8.08	12.63	U	52300	2	4140
FH19-W02303-C01\2	11/09/19	28							
FH19-W02303-C01\3	11/09/19	28							
FH19-W02303-C01\4		Hold							

Average 28 Day Compressive Strength (psi)

Required Strength (psi) 3500

Notes

1. Sampling to ASTM C 172
2. Specimen(s) prepared to ASTM C 31
3. Capping: B = Bonded ASTM C 617, U = Unbonded ASTM C 1231
Sampled from Truck Chute

Remarks

Fracture Type: 2 = Well-formed cone on one end