



28001 Cabot Drive, Suite 250

Novi, MI 48377

Phone: (248) 486-5100

Fax: (248) 486-5050

Concrete Test Report

Project No.: 1192040020-003

ReportNo: CTR:FH19-W02303-C02

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: North half of the north side at 23 rd street
Contractor: Major Cement Co.
Truck/Ticket: 4822/2193500
Sampled By: Don Hayes
Weather: Sunny

Time Batched: 11:48
Time Sampled: 12:15
Batch Size (yd³): 11.00

	Measured	Specified
Slump (in):	5	3.00 to 6.00
Air Temp (°F):	47	
Concrete Temp (°F):	66	
Air Content (%):	6.8	5.50 to 8.00
Unit Weight (pcf):	N/A	
Time in Truck (mins):	1427	

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-C02\1	10/19/19	7	4.00	8.05	12.57	U	46065	3	3670
FH19-W02303-C02\2	11/09/19	28							
FH19-W02303-C02\3	11/09/19	28							
FH19-W02303-C02\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: 3 = Columnar vertical cracking through both ends