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Report No: CTR:03533627-46-C1

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/7/2022

Concrete Test Report

Client: CORE STATES GROUP
3039 PREMIERE PARKWAY, SUITE 700
DULUTH, GA 30097

CC: C FAIRBANKS
CHRIS DIAMOND
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Project: CHASE BANK-LEE'S SUMMIT
LEE'S SUMMIT, MO

Mix Data

Supplier: Geiger Ready-Mix
Plant: Geiger Ready Mix
Mix Identification: KC4KBDM40Q
Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 08/30/22	Date Received: 08/31/22	Specification: Mix Design	
General Location: North side curb			
Sample Location: Drive through curb by ATM base			
Curing Method: One day Field/Laboratory Cure			
Field Sample No.:	Initial Cure Temp (°F) High:		
	Low:		
Contractor:			
Ticket no.: 863059	Truck No.: 356		
Sampled By: Doug Deering			
Weather: Clear			
	Slump (in):	ASTM C 143	5
	Slump w/ plasticizer (in):		N/A
	Air Temp (°F):		75
	Concrete Temp (°F):	ASTM C 1064	80
	Air Content (%):	ASTM C 231	5.5
	Unit Weight (pcf):	ASTM C 138	N/A
	Volume of Density Measure (ft³):		N/A
	Batch Size (yd³): 7.8	Time Batched:	06:45
	Yd³ Placed: 7.8	Time Sampled:	07:15
	Water Added (gal) Before: 0	Time Placed:	07:30
	After: 0	Time in Truck (mins):	45

Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03533627-46-C11	09/06/22	7	4.01	7.63	12.63	U	52060	3	4120	Maurice Duncan
03533627-46-C12	09/27/22	28				U				
03533627-46-C13	09/27/22	28				U				
03533627-46-C14	09/27/22	28				U				
03533627-46-C15		Hold				U				

Average 28 Day Compressive Strength (psi)

Required Strength (psi) 4000

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, C = Combined, G = Ground

Remarks

Fracture Type: 3 = C39: Vert cracking/no cones; C1314: Cone & Split