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Report No: CTR:03533627-38-C1

Issue No: 2

This report replaces all previous issues of this report signed on 08/25/2022

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Approved Signatory: William Odell (Senior Project Manager)

Date of Issue: 9/15/2022

Concrete Test Report

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

CC: C FAIRBANKS
CHRIS DIAMOND
GREG HELLBUSCH
J SANCHAZ
JOSE SANCHEZ
L MCKINZY
S KESHETTY
SUNIL DUBEY

Project: CHASE BANK-LEE'S SUMMIT
LEE'S SUMMIT, MO

Mix Data

Supplier: Geiger Ready-Mix
Plant: Geiger Ready Mix
Mix Identification: KC4KBEM40Q
Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 08/18/22	Date Received: 08/22/22	Specification: Mix Design
General Location: Entrance Pavement		
Sample Location: North Main Entrance		
Curing Method: Four day Field/Laboratory Cure		
Field Sample No.:	Initial Cure Temp (°F) High:	
	Low:	
Contractor:		
Ticket no.: 862257	Truck No.: 349	
Sampled By: Chris Erickson		
Weather: Clear		
	Slump (in): ASTM C 143	Measured Specified
	Slump w/ plasticizer (in):	4
	Air Temp (°F):	N/A
	Concrete Temp (°F): ASTM C 1064	74
	Air Content (%) ASTM C 231	81
	Unit Weight (pcf): ASTM C 138	5.2
	Volume of Density Measure (ft³):	5.0 to 7.0
	Batch Size (yd³): 7.0	N/A
	Yd³ Placed: 14.0	
	Water Added (gal) Before:	
	After:	
	Time Batched:	08:35
	Time Sampled:	09:03
	Time Placed:	09:20
	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
03533627-38-C11	08/25/22	7	4.01	8.07	12.63	U	40330	2	3190	Robert Anderson
03533627-38-C12	09/15/22	28	4.00	8.02	12.57	U	63860	2	5080	Robert Anderson
03533627-38-C13	09/15/22	28	4.00	8.06	12.57	U	64960	2	5170	Robert Anderson
03533627-38-C14	09/15/22	28	4.01	8.05	12.63	U	62500	2	4950	Robert Anderson
03533627-38-C15		Hold				U				

Average 28 Day Compressive Strength (psi) 5070

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: 2 = C39: Vert crack/ cone opposite end; C1314: Cone & Shear