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Report No: CTR:03533627-56-C1

Issue No: 4

This report replaces all previous issues of this report signed on 09/14/2022

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Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/16/2022

Concrete Test Report

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

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

Mix Data

Mix Submitted By: Geiger Ready-Mix
Supplier: Geiger Ready-Mix
Plant: Geiger Ready Mix
Mix Identification: MO4BCHFP
Specified Design Strength (psi): 4000 at age 28 days
Design Unit Weight (pcf):
Water Cement Ratio (lb/lb):

Material **Source** **Amount** **Moisture**

Sample Details

Date Sampled: 09/09/22 **Date Received:** 09/12/22
General Location: Approach slab
Sample Location: South Entrance
Curing Method: Three day Field/Laboratory Cure
Initial Cure Temp (°F) High:
Low:

Specification: Mix Design

Measured Specified

Contractor:
Ticket no.: 3927-56 **Truck No.:** 453
Sampled By: Chris Erickson
Weather:
Est. Wind (mph): **Est. Rh (%):**

Slump (in): ASTM C 143 5 **5.00 to 8.00**
Slump w/ plasticizer (in): N/A
Air Temp (°F): 81
Concrete Temp (°F): ASTM C 1064 85
Air Content (%): ASTM C 231 5.5 **4.0 to 7.0**
Unit Weight (pcf): ASTM C 138 N/A
Volume of Density Measure (ft³): N/A
Batch Size (yd³): 8.0 **Time Batched:** 10:52
Yd³ Placed: 23.0 **Time Sampled:** 11:30
Water Added (gal) Before: **Time Placed:** 11:55
After: **Time in Truck (mins):** 63

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
03533627-56-C11	09/12/22	3	4.01	8.03	12.63	U	47350	2 FC	3750	Robert Anderson
03533627-56-C12	09/14/22	5	4.01	8.12	12.63	U	42510	2 FC	3370	Robert Anderson
03533627-56-C13	09/16/22	7	4.00	8.05	12.57	U	46640	2	3710	Robert Anderson
03533627-56-C14	10/07/22	28				U				
03533627-56-C15	10/07/22	28				U				
03533627-56-C16	10/07/22	28				U				
03533627-56-C17		Hold								

Average 28 Day Compressive Strength (psi)
Required Strength (psi)

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
Sampled from Stationary Mixer (ASTM C 172, 5.2.1)

Remarks

Fracture Type / Remarks: 2 = C39: Vert crack/ cone opposite end; C1314: Cone & Shear, FC = Field Cured