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Report No: CTR:03533627-18-C1

Issue No: 2

This report replaces all previous issues of this report signed on 04/26/2022

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Approved Signatory: William Odell (Senior Project Manager)  
Date of Issue: 5/16/2022

## Concrete Test Report

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

**CC:** C FAIRBANKS  
CHRIS DIAMOND  
GREG HELLBUSCH  
J SANCHEZ  
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:** A4OC580V442  
**Specified Design Strength (psi):**

### Sample Details

<b>Date Sampled:</b> 04/18/22	<b>Date Received:</b> 04/19/22	<b>Specification:</b> Mix Design
<b>General Location:</b> Spread footings C/5 and D/3,4		
<b>Sample Location:</b> D/3		
<b>Curing Method:</b> One day Field/Laboratory Cure		
<b>Field Sample No.:</b>	<b>Initial Cure Temp (°F) High:</b>	
	<b>Low:</b>	
<b>Contractor:</b>		
<b>Ticket no.:</b> 853338	<b>Truck No.:</b> 474	
<b>Sampled By:</b> Robert Holmquist		
<b>Weather:</b>		
	<b>Slump (in):</b> ASTM C 143	<b>Measured Specified</b>
	<b>Slump w/ plasticizer (in):</b>	4 3.00 to 5.00
	<b>Air Temp (°F):</b>	N/A
	<b>Concrete Temp (°F):</b> ASTM C 1064	45
	<b>Air Content (%)</b> ASTM C 231	70
	<b>Unit Weight (pcf):</b> ASTM C 138	5.1 4.0 to 6.0
	<b>Volume of Density Measure (ft³):</b>	N/A
	<b>Batch Size (yd³):</b> 3.0	<b>Time Batched:</b> 09:39
	<b>Yd³ Placed:</b> 3.0	<b>Time Sampled:</b> 10:05
	<b>Water Added (gal) Before:</b>	<b>Time Placed:</b> 10:30
	<b>After:</b>	<b>Time in Truck (mins):</b> 51

### 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
03533627-18-C11	04/25/22	7	4.00	8.05	12.57	U	60120	3	4780	Javion Gathrite
03533627-18-C12	05/16/22	28	4.00	8.04	12.57	U	70070	3	5580	Javion Gathrite
03533627-18-C13	05/16/22	28	4.00	7.99	12.57	U	78920	3	6280	Javion Gathrite
03533627-18-C14	05/16/22	28	4.00	8.04	12.57	U	77090	3	6130	Javion Gathrite
03533627-18-C15		Hold				U				
Average 28 Day Compressive Strength (psi)									6000	
Required Strength (psi)									4500	

### 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 Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

### Remarks

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