



Professional Service Industries, Inc.  
2828 South 44th Street  
Kansas City, KS 66106

Phone: (913) 310-1600  
Fax: (913) 310-1601

Report No: CTR:03533627-51-C1

Issue No: 1

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a non-compliance appears on this report, to the extent that the reported non-compliance impacts the project, the resolution is outside the PSI scope of engagement.

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

## 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:** KCMMB 4K  
**Specified Design Strength (psi):** 4000 at age 28 days

### Sample Details

<b>Date Sampled:</b> 09/02/22	<b>Date Received:</b> 09/06/22	<b>Specification:</b> Mix Design	
<b>General Location:</b> Sidewalk			
<b>Sample Location:</b> South West sidewalk along southwest side of building			
<b>Curing Method:</b> Four 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> 863522	<b>Truck No.:</b> 438		
<b>Sampled By:</b> Doug Deering			
<b>Weather:</b> Clear			
	<b>Slump (in):</b>	ASTM C 143	6
	<b>Slump w/ plasticizer (in):</b>		N/A
	<b>Air Temp (°F):</b>		80
	<b>Concrete Temp (°F):</b>	ASTM C 1064	88
	<b>Air Content (%):</b>	ASTM C 231	4.8
	<b>Unit Weight (pcf):</b>	ASTM C 138	N/A
	<b>Volume of Density Measure (ft³):</b>		N/A
	<b>Batch Size (yd³):</b> 10.0	<b>Time Batched:</b>	09:50
	<b>Yd³ Placed:</b> 10.0	<b>Time Sampled:</b>	10:15
	<b>Water Added (gal) Before:</b> 0	<b>Time Placed:</b>	10:30
	<b>After:</b> 0	<b>Time in Truck (mins):</b>	40

### 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
03533627-51-C11	09/09/22	7	4.01	8.11	12.63	U	42960	2	3400	Robert Anderson
03533627-51-C12	09/30/22	28				U				
03533627-51-C13	09/30/22	28				U				
03533627-51-C14	09/30/22	28				U				
03533627-51-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: 2 = C39: Vert crack/ cone opposite end; C1314: Cone & Shear