



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

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

Report No: CTR:03533627-30-C1

Issue No: 2

This report replaces all previous issues of this report signed on 08/11/2022

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Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/2/2022

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

Date Sampled: 08/03/22	Date Received: 08/04/22	Specification: Mix Design	
General Location: North side curb			
Sample Location: Northwest corner			
Curing Method: One day Field/Laboratory Cure			
Field Sample No.:	Initial Cure Temp (°F) High:		
	Low:		
Contractor:			
Ticket no.: 861047	Truck No.: 466		
Sampled By: Andrew Amy			
Weather: Rain			
	Slump (in):	ASTM C 143	4
	Slump w/ plasticizer (in):		N/A
	Air Temp (°F):		82
	Concrete Temp (°F):	ASTM C 1064	85
	Air Content (%):	ASTM C 231	5.0
	Unit Weight (pcf):	ASTM C 138	N/A
	Volume of Density Measure (ft³):		N/A
	Batch Size (yd³): 10.0	Time Batched:	12:30
	Yd³ Placed: 10.0	Time Sampled:	13:00
	Water Added (gal) Before:	Time Placed:	13:15
	After:	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
03533627-30-C11	08/10/22	7	4.01	8.05	12.63	U	47350	2	3750	Robert Anderson
03533627-30-C12	08/31/22	28	4.00	7.80	12.57	U	63220	2	5030	Robert Anderson
03533627-30-C13	08/31/22	28	3.99	7.72	12.50	U	61380	2	4910	Robert Anderson
03533627-30-C14	08/31/22	28	4.00	8.06	12.57	U	59850	2	4760	Robert Anderson
03533627-30-C15		Hold				U				
Average 28 Day Compressive Strength (psi)									4900	
Required Strength (psi)									4000	

Notes

- Sampling to ASTM C 172
- Specimen(s) prepared to ASTM C 31
- 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