



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

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

Report No: CTR:03533627-58-C1

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/20/2022

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:

Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 09/13/22	Date Received: 09/14/22	Specification: Mix Design	
General Location: Light pole bases			
Sample Location:			
Curing Method: One day Field/Laboratory Cure			
Field Sample No.:	Initial Cure Temp (°F) High:		
	Low:		
Contractor:			
Ticket no.: 864304	Truck No.: 467		
Sampled By: Tyler Jordan			
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	77
		Air Content (%): ASTM C 231	81
		Unit Weight (pcf): ASTM C 138	6.0
		Volume of Density Measure (ft³):	N/A
		Batch Size (yd³): 10.0	Time Batched: 10:20
		Yd³ Placed: 5.0	Time Sampled: 10:50
		Water Added (gal) Before:	Time Placed: 11:05
		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
03533627-58-C11	09/20/22	7	4.01	7.66	12.63	U	45250	2	3580	Robert Anderson
03533627-58-C12	10/11/22	28				U				
03533627-58-C13	10/11/22	28				U				
03533627-58-C14	10/11/22	28				U				
03533627-58-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
Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks

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