



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

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

Report No: CTR:03533627-42-C1

Issue No: 2

This report replaces all previous issues of this report signed on 08/31/2022

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: 9/20/2022

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

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

Sample Details

Date Sampled: 08/23/22	Date Received: 08/24/22	Specification: Mix Design	
General Location: ATM			
Sample Location: Base			
Curing Method: One day Field/Laboratory Cure			
Initial Cure Temp (°F) High:			
Low:			
Contractor:			
Ticket no.: 862546	Truck No.: 398		
Sampled By: Chris Erickson			
Weather: Clear			
Est. Wind (mph):	Est. Rh (%):		

Slump (in):	ASTM C 143	Measured	Specified
Slump w/ plasticizer (in):		3.75	
Air Temp (°F):		N/A	
Concrete Temp (°F):	ASTM C 1064	75	
Air Content (%):	ASTM C 231	83	
Unit Weight (pcf):	ASTM C 138	4.8	
Volume of Density Measure (ft³):		N/A	
Batch Size (yd³): 10.0	Time Batched:		09:29
Yd³ Placed: 10.0	Time Sampled:		10:10
Water Added (gal) Before:	Time Placed:		10:30
After:	Time in Truck (mins):		61

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
03533627-42-C11	08/30/22	7	4.02	8.03	12.69	U	54240	2	4270	Robert Anderson
03533627-42-C12	09/20/22	28	4.01	8.08	12.63	U	59590	2	4720	Robert Anderson
03533627-42-C13	09/20/22	28	4.00	8.12	12.57	U	62120	2	4940	Robert Anderson
03533627-42-C14	09/20/22	28	4.01	8.08	12.63	U	63440	2	5020	Robert Anderson
03533627-42-C15		Hold				U				
Average 28 Day Compressive Strength (psi)									4900	
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: 2 = C39: Vert crack/ cone opposite end; C1314: Cone & Shear