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Report No: CTR:03533627-35-C1

Issue No: 2

This report replaces all previous issues of this report signed on 08/19/2022

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Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/8/2022

Concrete Test Report

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

CC: C FAIRBANKS
CHRIS DIAMOND
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Project: CHASE BANK-LEE'S SUMMIT
LEE'S SUMMIT, MO

Mix Data

Supplier: Geiger Ready-Mix
Plant: Geiger Ready Mix
Mix Identification: KC4KDM20Q
Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 08/11/22	Date Received: 08/12/22	Specification: Mix Design	
General Location: Median on Langsford Rd			
Sample Location: East end of median		Slump (in): ASTM C 143	2
Curing Method: One day Field/Laboratory Cure		Slump w/ plasticizer (in):	N/A
Field Sample No.:	Initial Cure Temp (°F) High:	Air Temp (°F):	81
	Low:	Concrete Temp (°F): ASTM C 1064	85
Contractor:		Air Content (%): ASTM C 231	5.5
Ticket no.: 861788	Truck No.: 969	Unit Weight (pcf): ASTM C 138	N/A
Sampled By: Jamie Rogers		Volume of Density Measure (ft³):	N/A
Weather: Clear		Batch Size (yd³): 6.0	Time Batched: 10:26
		Yd³ Placed: 6.0	Time Sampled: 10:50
		Water Added (gal) Before:	Time Placed: 11:05
		After:	Time in Truck (mins): 39

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
03533627-35-C11	08/18/22	7	4.01	8.11	12.63	U	50900	2	4030	Robert Anderson
03533627-35-C12	09/08/22	28	4.01	8.07	12.63	U	72270	2	5720	Robert Anderson
03533627-35-C13	09/08/22	28	4.01	8.12	12.63	U	69290	2	5490	Robert Anderson
03533627-35-C14	09/08/22	28	4.01	8.11	12.63	U	70170	2	5560	Robert Anderson
03533627-35-C15		Hold				U				

Average 28 Day Compressive Strength (psi) 5590
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