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Report No: CTR:03534146-19-C1

Issue No: 1

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Approved Signatory: Mahdi Sahafnia (Staff Engineer)
Date of Issue: 10/28/2025

Concrete Test Report

Client: HCA MANAGEMENT SERVICES, LP
P.O. BOX 550, BLDG 3-2
NASHVILLE, TN 37202-0550

CC: DAVID PANTO
DON KELLEY
ERIC SJODIN
RICK FOBAIR
RYAN GRIMES

Project: LEE'S SUMMIT MEDICAL CENTER
LEE'S SUMMMIT, MO

Mix Data

Supplier: Geiger Ready-Mix
Plant:
Mix Identification: P4BC564V448
Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 10/20/25	Date Received: 10/21/25	Specification: Mix Design
General Location: Bridge footings		
Sample Location: West ftg		
Curing Method: One day Field/Laboratory Cure		
Field Sample No.:	Initial Cure Temp (°F) High:	
	Low:	
Contractor: Lithko Contracting		
Ticket no.: 1778635	Truck No.: 936	
Sampled By: Kenneth Mathis		
Weather: Mild, Clear, Windy		
	Slump (in): ASTM C 143	Measured 5
	Slump w/ plasticizer (in):	N/A
	Air Temp (°F):	73
	Concrete Temp (°F): ASTM C 1064	73
	Air Content (%): ASTM C 231	2.2
	Unit Weight (pcf): ASTM C 138	N/A
	Volume of Density Measure (ft³):	N/A
	Batch Size (yd³):	Time Batched: 13:09
	Yd³ Placed:	Time Sampled: 13:35
	Total Concrete Placed (yd³):	Water Added (gal) Before:
	Time Placed: 13:50	After:
	Time in Truck (mins): 41	

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
03534146-19-C11	10/27/25	7	4.02	8.03	12.69	U	54200	5 SC	4270	Alan Rau
03534146-19-C12	11/17/25	28				U		SC		
03534146-19-C13	11/17/25	28				U		SC		
03534146-19-C14	11/17/25	28				U		SC		
03534146-19-C15		Hold				U		SC		

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 / Remarks: 5 = Side fracture-opposite ends; C1314: Semi-Conical Break, SC = Condition Satisfactory upon retrieval.