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Report No: CTR:03534146-25-C1

Issue No: 1

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Approved Signatory: Mahdi Sahafnia (Staff Engineer)
Date of Issue: 10/31/2025

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: A4OC580V442
Specified Design Strength (psi): 4500 at age 28 days

Sample Details

Date Sampled: 10/22/25	Date Received: 10/24/25	Specification: Mix Design
General Location: Prk lot Lt Stds & East bridge columns		
Sample Location: East Lt Std		Slump (in): ASTM C 143 5.5
Curing Method: Two day Field/Laboratory Cure		Slump w/ plasticizer (in): N/A
Field Sample No.:	Initial Cure Temp (°F) High:	Air Temp (°F): 69
	Low:	Concrete Temp (°F): ASTM C 1064 71
Contractor: Lithko Contracting		Air Content (%): ASTM C 231 7.0
Ticket no.: 1779943	Truck No.: 482	Unit Weight (pcf): ASTM C 138 N/A
Sampled By: Kenneth Mathis		Volume of Density Measure (ft³): N/A
Weather: Mild, Clear		Batch Size (yd³): 5.5 Time Batched: 13:43
		Yd³ Placed: 5.5 Time Sampled: 14:14
		Total Concrete Placed (yd³): Water Added (gal) Before: 0
		Time Placed: 15:00 After: 0
		Time in Truck (mins): 77

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
03534146-25-C11	10/29/25	7	4.02	8.04	12.69	U	54860	2 SC	4320	Alan Rau
03534146-25-C12	11/19/25	28				U		SC		
03534146-25-C13	11/19/25	28				U		SC		
03534146-25-C14	11/19/25	28				U		SC		
03534146-25-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: 2 = Vert crack/ cone opposite end; C1314: Cone & Shear, SC = Condition Satisfactory upon retrieval.