

# Compressive Strength of Concrete

Test Method: ASTM C 39

Report Date: 06/04/2024

Sample: 446542

## Alpha Omega Geotech, Inc

1701 State Avenue  
Kansas City, KS 66102  
Phone: 913-371-0000

## Client:

Ward Development  
1120 NW Eagle Ridge Blvd  
Grain Valley, MO 64029

## Project:

230529  
Lakewood Business Center Lot 1  
NE Maguire Blvd  
Lee's Summit, MO 64064

## Sample Details

Set #:	1	Technician:	Caleb Armstrong	Batched:	09:05 CDT
Specimen Size:	4" X 8"	Cast By:	Caleb Armstrong	Sampled:	10:05 CDT
Specimens In Set:	5	Date Cast:	05/28/24	Cast:	10:10 CDT
Truck / Ticket #:	279 / 4060013	Sampled From:	Chute	Truck Empty:	10:20 CDT
Contractor:	ESS	Placement Method:	Chute	Placement Time:	75 (min)

## Location

Placement Location:	Paving - Curb & Gutter
Location Details:	Both lanes of New NE maguire blvd, between NE Hagan Rd and old NE maguire blvd
Sample Location / Notes:	N lane between NE hagan rd and MH G3

## Batch Log

Supplier:	Penny's Concrete, Inc.	Mix Design:	KCMMB4K	Strength:	4000 (psi)
Plant:	Grain Valley-Plant #4				
On-Site Admixtures:	None				

## Specifications

## Field Measurements

Weather:	Slump (in):	1/2 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	Concrete Temp (F):	83 (ASTM C1064)	Air Content:	5.2 (ASTM C231)
			Load Volume:	10.00 (yd³)

## Lab Test Results

Testing Lab: Alpha Omega Geotech, 1701 State Ave, Kansas City, KS, 66102

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
1-1	7	06/04/24	1 / 6	4.00	12.57	51,140	4,070	3		N
1-2	28	06/25/24	1 / 27							
1-3	28	06/25/24	1 / 27							
1-4	28	06/25/24	1 / 27							
1-5	56 H	07/23/24	1 / 55							

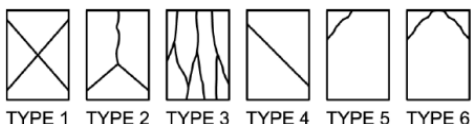
Test Age Average Strengths (psi): 7 Day - 4070

## Capping Methods

Tested By: Marquis Gaston (1)

N: Neoprene

Checked In : 05/29/2024 (1,2,3,4,5)




Reviewed by: Jeff Marquez

06/04/2024