

Compressive Strength of Concrete

Test Method: ASTM C 39

Report Date: 07/10/2024

Sample: 446567

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 #:	2	Technician:	Contractor	Batched:	
Specimen Size:	4" X 8"	Cast By:	Contractor	Sampled:	
Specimens In Set:	5	Date Cast:	05/29/24	Cast:	
Truck / Ticket #:		Sampled From:		Truck Empty:	
Contractor:	ESS	Placement Method:		Placement Time:	

Location

Placement Location:	Paving - Curb & Gutter
Location Details:	~30' of curb E end , S side of road; curb inlets along maguire blvd and cargo rd

Batch Log

Supplier:	Penny's Concrete, Inc.
On-Site Admixtures:	None

Specifications

Strength:	4000 (psi)
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Field Measurements

Weather:	Consistency:	Slump	Plastic Unit Weight:
Air Temperature (F):	Concrete Temp (F):		Air Content:
			Load Volume:

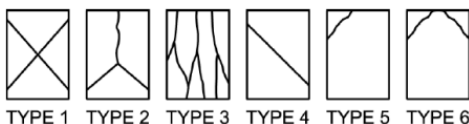
Lab Test Results

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 (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
2-1	19	06/17/24	16 / 3	4.00	12.57	50,320	4,000	3		N
2-2	28	06/26/24	16 / 12	4.00	12.57	59,820	4,760	3		N
2-3	28	06/26/24	16 / 12	4.00	12.57	59,810	4,760	3		N
2-4	28	06/26/24	16 / 12	4.00	12.57	59,670	4,750	3		N
2-5	56 H	07/24/24	16 / 40							

Test Age Average Strengths (psi): 19 Day - 4000, 28 Day - 4760

Capping Methods

Tested By: Marquis Gaston (1,2,3,4)	N: Neoprene
Checked In : 06/14/2024 (1,2,3,4,5)	




Reviewed by: Jeff Marquez

07/10/2024