

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 7/27/26

Project Number: Design AK AST Station

Report Number: 1

Project: DHS Trooper Station

Client: Design Alaska

Address: 601 College Road

Fairbanks, AK 99701

Attn:

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 5/29/2026

Time Sampled: 11am

Location of Sample: Elevator Pit Walls

Supplier: URM

Truck Number:

Ticket Number: 110509

Mix Number: 253445AI26

Design Strength: 4500

Batch Size:

Slump: 5.50" (ASTM C 143)

Air Content: 5.7% (ASTM C 231)

Concrete Temp: 59°F (ASTM C 1064)

Ambient Temp: 52°F

Water Added:

Technician: Markus Mack

Initial Curing:

Final Curing:

Max Field Curing Temp.:

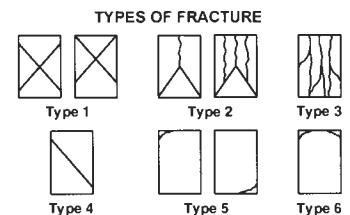
Min Field Curing Temp.:

LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-438	6/5/2026	7	50920	4.00	12.57	4050	90%	2
26-439	6/5/2026	7	50330	4.00	12.57	4010	89%	3
26-440	6/26/2026	28	62865	4.00	12.57	5000	111%	3
26-441	6/26/2026	28	63300	4.00	12.57	5040	112%	3
26-442	7/24/2026	56	67745	4.00	12.57	5390	120%	3
26-443	7/24/2026	56	70575	4.00	12.57	5620	125%	3

Remarks:

Copies to:



Reported by:

Chris Mack, C.E.T.

Concrete Lab Supervisor