

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 7/22/26

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: 5/27/2026

Time Sampled: 230pm

Location of Sample: Eleavtor Pit Slab

Supplier: URM

Truck Number:

Ticket Number: 110486

Mix Number: 253440IN

Design Strength: 4000

Batch Size:

Slump: 4.50" (ASTM C 143)

Air Content: 6.4% (ASTM C 231)

Concrete Temp: 58°F (ASTM C 1064)

Ambient Temp: 60°F

Water Added:

Technician: Markus Mack

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

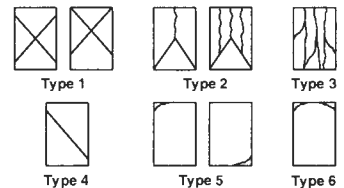
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-350	6/3/2026	7	45195	4.00	12.57	3600	90%	3
26-351	6/3/2026	7	46220	4.00	12.57	3680	92%	3
26-352	6/24/2026	28	58695	4.00	12.57	4670	117%	3
26-353	6/24/2026	28	69150	4.00	12.57	5500	138%	3
26-354	7/22/2026	56	66945	4.00	12.57	5330	133%	3
26-355	7/22/2026	56	65410	4.00	12.57	5210	130%	3

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Chris Mack

Chris Mack, C.E.T.

Concrete Lab Supervisor