

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 7/7/26

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: 6/26/2026

Time Sampled:

Location of Sample: continuous footing NE

Supplier: URM

Truck Number:

Ticket Number: 110991

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 7.00" (ASTM C 143)

Air Content: 5.7% (ASTM C 231)

Unit Weight: 141.7 (ASTM C 138)

Concrete Temp: 67°F (ASTM C 1064)

Ambient Temp: 72°F

Water Added:

Technician: Wayne Harding

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

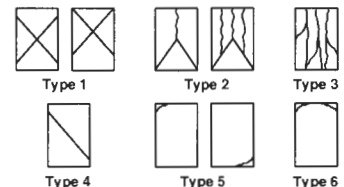
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-978	7/3/2026	7	54900	4.00	12.57	4370	97%	3
26-979	7/24/2026	28						
26-980	7/24/2026	28						
26-981	8/21/2026	56						
26-982	8/21/2026	56						

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Chris Mack, C.E.T.

Concrete Lab Supervisor

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 7/7/26

Project Number: Design AK AST Station

Report Number: 2

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: 6/26/2026

Time Sampled:

Location of Sample: continuous footings SW

Supplier: URM

Truck Number:

Ticket Number: 110993

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 6.25" (ASTM C 143)

Air Content: 5.6% (ASTM C 231)

Unit Weight: 145.6 (ASTM C 138)

Concrete Temp: 64°F (ASTM C 1064)

Ambient Temp: 72°F

Water Added:

Technician: Wayne Harding

Initial Curing:

Final Curing:

Max Field Curing Temp.:

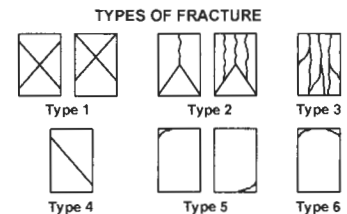
Min Field Curing Temp.:

LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-983	7/3/2026	7	57740	4.00	12.57	4590	102%	3
26-984	7/24/2026	28						
26-985	7/24/2026	28						
26-986	8/21/2026	56						
26-987	8/21/2026	56						

Remarks:

Copies to:



Reported by:

Chris Mack, C.E.T.

Concrete Lab Supervisor

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 7/7/26

Project Number: Design AK AST Station

Report Number: 3

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: 6/26/2026

Time Sampled:

Location of Sample: continuous footing SE

Supplier: URM

Truck Number:

Ticket Number: 111000

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 4.50" (ASTM C 143)

Air Content: 6.4% (ASTM C 231)

Unit Weight: 144.9 (ASTM C 138)

Concrete Temp: 67°F (ASTM C 1064)

Ambient Temp: 72°F

Water Added:

Technician: Wayne Harding

Initial Curing:

Final Curing:

Max Field Curing Temp.:

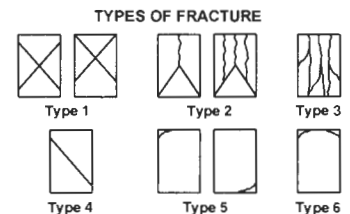
Min Field Curing Temp.:

LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-988	7/3/2026	7	54255	4.00	12.57	4320	96%	3
26-989	7/24/2026	28						
26-990	7/24/2026	28						
26-991	8/21/2026	56						
26-992	8/21/2026	56						

Remarks:

Copies to:



Reported by:

Chris Mack, C.E.T.

Concrete Lab Supervisor