Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland ME - 1945 Congress Street - Construction Materials Testing Services

Project Number: 16-1446

Client: Northland Enterprises LLC

Client Contract Number:

General Contractor:

Concrete Supplier:

PLACEMENT INFORMATION

Date Cast: 5/17/2017 **Time Cast:** 1:37 **Date Received:** 5/18/2017

Placement Location: F 1 LINE - A 1 LINE DOWN 40' A 1 LINE

Placement Method: TAILGATE

Placement Vol. (yd³): 16

Cylinders Made By: AIDAN BOYCE

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) 68 **Maximum (ºF)** 78

DELIVERY INFORMATION

Admixtures: MASTER GLENIUM 7500 / MASTER AIR AE200

TEST RESULTS

Slump (in) (C-143): 5

Air Content (%) (C-231) 5

Air Temp (ºF): 78

Conc. Temp (ºF) (C-1064): 73

Load Number: 1

Mixer Number 108

Ticket Number 213540

Cubic Yards: 8

Design (psi): **4000**

Batch 12:41

Arrive 1:08

Depart 1:35

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In)²	Date Of Test	Cure Type	**Age (days)**	Fracture Type	Load (kips)	**Strength (psi)**
923-1A	8.40	4.00	12.57	5/24/2017	Lab	**7**	5	55.8	**4440**
923-1B	8.40	4.00	12.56	6/14/2017	Lab	**28**	5	69.0	**5490**
923-1C	8.40	4.01	12.63	6/14/2017	Lab	**28**	5	69.4	**5490**
923-1D	8.40			Hold	Lab				

Fracture Types

Cone both ends | Cone one end w/ split | Columnar | Diagonal | Side at top or bottom | Pointed End

Remarks:

286 Portland Road, Gray, ME 04039-9586 • Tel (207) 657-2866 • Fax (207) 657-2840 • www.swcole.com