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: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 6/14/2017 **Time Cast:** 12:00 **Date Received:** 6/16/2017

Placement Location: WALLS: F-LINE FROM 4 TO 6-LINE

Placement Method: TAILGATE

Cylinders Made By: CHARLES CROMWELL

Placement Vol. (yd³): 10

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) NT **Maximum (ºF)** NT

DELIVERY INFORMATION

Admixtures: MASTER AIR / MASTER GLENIUM / MASTER SET R

TEST RESULTS

Slump (in) (C-143): 5

Air Content (%) (C-231) **Air WR:** 6

Air Temp (ºF): 70

Conc. Temp (ºF) (C-1064): 77

Load Number: 1

Mixer Number 157

Ticket Number 338339

Cubic Yards: 10

Design (psi): **4000**

Batch 11:13

Arrive 11:34

Depart 12:35

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)**
923-10A	8.40	4.01	12.61	6/21/2017	Lab	**7**	5	54.4	**4320**
923-10B	8.40	4.01	12.62	7/12/2017	Lab	**28**	4	61.2	**4850**
923-10C	8.40	4.01	12.65	7/12/2017	Lab	**28**	4	62.0	**4900**
923-10D	8.40			Hold	Lab				

Fracture Types

1 Cone both ends; 2 Cone one end w/ split; 3 Columnar; 4 Diagonal; 5 Side at top or bottom; 6 Pointed End

Remarks:

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