

Project Name: Portland ME - Canco Road CMP Truck Bay Addition -
Materials Testing

Project Number: 11-0895

Client: H.E. Callahan Construction Co.

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 9/23/2011 **Time Cast:**

Date Received: 9/26/2011

Placement Location: FRONT WALL FOOTING

Placement Method: TAILGATE

Placement Vol. (yd³): 18

Cylinders Made By: CHRISTOPHER HENES

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MICRO AIR
GLENIUM
POZZ

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 1.25

Load Number: 3

Air Content (%) (C-231): **Air WR:** 4.5

Mixer Number: 94

Air Temp (°F): 76

Ticket Number: 82896

Conc. Temp (°F) (C-1064): 81

Cubic Yards: 9

Design (psi): 4000

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)
317-1A		4.00	12.57	9/26/2011	Lab	3	4	57.6	4580
317-1B		4.00	12.57	10/7/2011	Lab	14	4	83.2	6620
317-1C		4.00	12.57	10/21/2011	Lab	28	4	89.0	7080
317-1D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: