

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC UTILITIES

RESPONSE OF COLUMBIA GAS OF MASSACHUSETTS TO THE
FIRST SET OF INFORMATION REQUESTS FROM THE D.P.U.
PIPELINE ENGINEERING AND SAFETY DIVISION

D.P.U. 19-PL-07 – Merrimack Valley Incident (9/13/18)

Date: September 25, 2019

Responsible: Robert V. Mooney, V. P. Engineering and Construction

IR-PL-1-7: Please provide the following regarding the entire South Union Street Project

- a) Existing pipeline data (Prior to 2016):
 - i) Length;
 - ii) Size;
 - iii) Material; and
 - iv) Installation dates.
- b) New pipeline data (entire project):
 - i) Length;
 - ii) Size;
 - iii) Material;
 - iv) Installation dates;
 - v) Crews performing installation;
 - vi) Inspectors onsite during installation; and
 - vii) Inspection records.

Response: The following responses concern the South Union Street Project's replacement of existing low-pressure main on South Union Street in Lawrence with new low-pressure main.

(a) (i)-(iv) Existing pipeline data (Prior to 2016)

The South Union Street Project included the abandonment of approximately 7,400 feet of cast-iron, bare steel, and plastic low-pressure main pipeline of varying sizes, including 4-inch, 6-inch, 8-inch and 12-inch pipeline. Records of service lines connected to the cast-iron main date back to 1899. The main had additionally been improved with steel and polyethylene pipe (PE) upgrades since the 1950s. CMA does not have records to confirm the dates of original installation of the cast-iron main replaced as part of the South Union Street Project.

(b) (i)-(iii) New pipeline data (entire project)

The South Union Street Project comprised installation of approximately 3,700 feet of plastic low-pressure 8-inch main pipeline.

(b) (iv) Installation dates

Please see the response to IR-PL-1-6(b) for the requested information.

(b) (v) Crews performing installation

Please see the response to IR-PL-1-8(l) (iii) for the requested information.

(b) (vi) Inspectors onsite during installation

Please see the response to IR-PL-1-8(l) (ii) for the requested information.

(b) (vii) Inspection records

Please see the response to IR-PL-1-6 (j) for the requested information.