

**AMENDED ORDER (1st AMENDMENT) FOR
HIGH DENSITY POLYETHYLENE GEOTHERMAL AMBIENT LOOP PIPE**

By the City Council of the City of Framingham, Massachusetts notice having been given and a public hearing held, as provided by law, **IT IS HEREBY ORDERED:**

That permission be and hereby granted to **NSTAR Gas Company (d/b/a EVERSOURCE Energy) F.W.O #NTGT0N2Y to amend ORDER 2023-031** for permission to install one (1) new 8 inch diameter High-Density Polyethylene (HDPE) Geothermal Ambient Loop Pipe, one (1) ancillary 8" HDPE loop pipe, with service connections and associated valves, fixtures, and appurtenances to be owned and used by your petitioner, along and across the following public way: Normandy Road, to include subsurface boreholes in support of new geothermal ambient loop pipe and program, as requested by James F. Blais, Jr., Senior Specialist Right of Way, T&D Rights and Survey on **September 18, 2023**.

Normandy Road – (1) Extending in line with and Easterly from WS Rose Kennedy Lane along the North side for a for a distance of approximately 615± feet, (2) N-S crossing for a distance of approximately 35± feet to Arsenal Road, (3) along South side for a for a distance of approximately 500± feet to WS Concord Street. Borehole(s) to cross under Normandy Rd in N-S direction at depth of approx. 160'+ below surface.

Plan Ref. PROJECT NO. 253460-273904 (Issued For Construction),
FILE NAME: C007STPL, C-7 Dated: 2/23/2023 (Rev: 8/23/2023)

Borehole design shown on FILE: Normandy Amend 2023-031_Borehole Illustration-Design_9.3.2023.pdf

Install one (1) 8" diameter HDPE Geothermal Ambient Loop Pipe, one (1) ancillary 8" HDPE loop pipe, subsurface boreholes, associated service connections and all associated valves and fixtures necessary or useful in connection therewith.

All construction under this order shall be in accordance with the conditions set forth in a letter dated April 24, 2023 from the Framingham Department of Public Works as follows:

1. The applicant (or applicant's designee) shall be registered as a utility within the Dig-Safe system and will be responsible to comply with all applicable laws and regulations pertaining to utility location and marking, including MGLc.82, sec.40 and 220 CMR 99. The applicant (or applicant's designee) shall fulfill the definition of "Company" as set forth in the aforementioned law and regulations.
2. The Geothermal pipe shall be colored black and labeled appropriately as Geothermal piping on four sides evenly spaced around and through-out the length of the pipe
3. The proposed 8-inch HDPE pipe shall be installed a minimum three feet away from City utilities.
4. Pavement restoration: all trenches shall be appropriately backfilled and compacted with minimum 4-inches of binder or match existing pavement thickness if greater. The trenches shall settle minimum 120-days or a winter season. After the settlement period, the trenches shall be restored as follows:
 - Normandy Road: the restoration will include full-width milling and paving for the section between Arsenal Road and the project limits. For the section between Arsenal Road and Concord Street, the restoration shall include trench mill and pave to the edge of the road provided that the pipe is installed at the location included in the plans. If the pipe is moved significantly, the restoration may include full-width mill and pave.

- 5. All work shall conform to the City of Framingham construction standards.
- 6. The DPW requests notification prior to the start of work to verify final location in the field.

I hereby certify that the foregoing order was adopted at a meeting of the City Council of the City of Framingham, Massachusetts held on the 26th day of September 2023.



 Lisa A. Ferguson, City Clerk
 Emily L. Butler, Assistant City Clerk

We hereby declare that on September 26, 2023 at 7:00 PM at 150 Concord Street, Framingham, Massachusetts a public hearing was held on the petition of **NSTAR Gas (EVERSOURCE) F.W.O #NTGT0N2Y** for permission to **amend ORDER 2023-031**, to construct, and a location for, such High Density Polyethylene Geothermal Ambient Loop Pipe, subsurface boreholes and associated valves, fixtures, and appurtenances therein, described in the order herewith recorded, and that we mailed at least seven days before said hearing a written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the ways or parts of ways upon which the Companies are permitted to erect poles, wires, cables, pipes, fixtures and connections under said order.

It is noted that, due to the COVID-19 pandemic, this meeting and public hearing was held with City Council members present either in person or via Zoom. The meeting is available for viewing on the City of Framingham website under Government Channel.

And that thereupon said order was duly adopted.

City Council
 City of Framingham, Massachusetts

CERTIFICATE

I hereby certify that the foregoing is a true copy of a joint location order and certificate of hearing with notice adopted by the Framingham City Council of the City of Framingham, Massachusetts on the 26 day of September, 2023 and recorded with the records of location orders of said City, Book 17, Page 23-15. This certified copy is made under the provisions of Chapter 166 of General Laws and any additions thereto or amendments thereof.

Attest:



 Lisa A. Ferguson, City Clerk
 Emily L. Butler, Assistant City Clerk



CITY OF FRAMINGHAM

DEPARTMENT OF PUBLIC WORKS | OPERATIONS

OPERATIONS CENTER
100 Western Avenue
Framingham, MA 01702

508-532-6010
engineering@framinghamma.gov
www.framinghamma.gov

September 18, 2023

City Council
City of Framingham
Memorial Building
150 Concord Street
Framingham, MA 01702

Re: Normandy Road – Amend Request Eversource Networked Geothermal Pilot Grant of Location Request
Eversource F.W.O. #NTGT0N2Y

Dear City Council,

The Department of Public Works (DPW) is in receipt of a request from NSTAR Gas Company d/b/a Eversource Energy to amend approved Grant of Location Order 2023-031.

We have reviewed the amended request and recommend approval with same conditions as set forth in the DPW letter dated April 24, 2023.

Please contact me at (508) 532-6010 if you have any questions.

Yours very truly,

A handwritten signature in blue ink, appearing to read 'Eric V. Johnson'.

Eric V. Johnson, P.E.
City Engineer

cc: W. Sedewitz, Chief Engineer
R. Lewis, DPW Director
S. Luz, Sustainability Coordinator

K. Ronconi, DPW Highway and Sanitation
T. Nguyen, DPW Project Manager



247 Station Drive
Westwood, Massachusetts 02090

September 14, 2023

City of Framingham, City Council
Memorial Building
150 Concord Street
Framingham, MA 01704

RE: **Normandy Road** – Grant of Location (GOL) **Order 2023-031** – Amend Request
Eversource Networked Geothermal Pilot – City of Framingham, MA (“City”)
F.W.O.# NTGT0N2Y

Hearing Required

Dear Members of the City Council:

NSTAR GAS COMPANY d/b/a EVERSOURCE ENERGY respectfully requests a modification to the Grant of Location (GOL) provided for under ORDER 2023-031 to install one (1) new 8” diameter High-Density Polyethylene (HDPE) Geothermal Ambient Loop Pipe and one (1) ancillary 8" HDPE loop pipe, with service connections and associated valves, fixtures, and appurtenances necessary or useful in connection therewith, pursuant to provisions of Massachusetts General Laws and City policy.

Operations and field crews have identified a need to extend certain subsurface boreholes under the street (Normandy Road) at a depth of approximately 160' in an effort to maximize the efficiency and minimize impacts of the program. NSTAR and its contractors are coordinating with the City of Framingham DPW and received concurrence for the proposal to incorporate boreholes and revise ORDER 2023-031. Thank you for your time in reviewing this matter while we continue our efforts to demonstrate the effectiveness and benefits of operating a networked geothermal energy distribution system, a portion of which will be installed at **Normandy Road**.

If you have any further questions, please contact James Blais at (781) 441-8732 or Eric Bosworth at (508) 836-7278.

Very truly yours,

James F. Blais, Jr.

James F. Blais, Jr.
Senior Specialist, T&D Rights and Survey

JFB
enclosures
Attachments