

**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 amended** locations for and permission to install one (1) new 8 inch diameter High-Density Polyethylene (HDPE) Geothermal Ambient Loop Pipe, one (1) ancillary 8-inch HDPE loop pipe and associated valves, fixtures, and appurtenances to be owned and used by your petitioner, along and across the following public way: Hampshire Road, in support of new geothermal ambient loop pipe, as requested by Patricia A. Quinn, Supervisor T&D Rights and Survey on **June 27, 2023**.

Hampshire Road-Extending easterly across street in line with north side of Prindiville Avenue thence extending northerly along EAST side for a distance of approximately 275± feet then easterly along north side of Lindbergh Road

Plan Ref. PROJECT NO. 253460-273904 (Issued For Construction),

FILE NAME: C009STPL, C-9 Dated: 2/23/2023 (Revision from

West side to East side shown in red on FILE: Hampshire GOL –

Proposed Line Assignment Revision.pdf)

Install one (1) 8" diameter HDPE Geothermal Ambient Loop Pipe, six (6) 1 ½" 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. The DPW requests notification prior to the start of work to verify final location in the field.
5. 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:
 - Hampshire Road shall be milled and paved the trench width plus minimum 2-feet past the trench boundaries.

6. All work shall conform to the City of Framingham construction standards.

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 18th day of July 2023.



Lisa A. Ferguson, City Clerk

We hereby declare that on July 18, 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 2023-029**, to construct, and a location for, such High Density Polyethylene Geothermal Ambient Loop Pipe 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, 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 18th day of July, 2023 and recorded with the records of location orders of said City, Book 17, Page 23-10. 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



247 Station Drive
Westwood, Massachusetts 02090

June 27, 2023

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

RE: **Hampshire Road** – Grant of Location (GOL) **Order 2023-029** – 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 2023-029 to install one (1) new 8” diameter High-Density Polyethylene (HDPE) Geothermal Ambient Loop Pipe, six (6) 1 ½” 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 shift the 8” HDPE Geothermal Ambient Loop Pipe from the West side of Hampshire Road (per ORDER 2023-029) to the East side in order to avoid damage(s) to existing curbing and a drain line identified in the field. NSTAR and its contractors are coordinating with the City of Framingham DPW and received concurrence for the proposed shift and GOL (ORDER 2023-029) revision. 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 **Hampshire 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,

Patricia A. Quinn

Patricia A. Quinn
Supervisor, T&D Rights and Survey

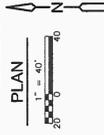
PAQ
enclosures
Attachments

GENERAL NOTES

1. ALL PROPOSED GEOTHERMAL PIPE ALIGNMENT SHOWN IS APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR REVIEW AND DETERMINATION OF EXISTING UTILITIES AND CONDITIONS. CONSULT WITH THE ENGINEER FOR MINNER, CITY OR PROPERTY APPROVAL PRIOR TO INSTALLATION.
2. CONTRACTORS SHALL MINIMIZE IMPACTS TO EXISTING UTILITIES AND UTILITIES SHALL BE RESTORED IN KIND OR OTHERWISE SPECIFIED.
3. DURING AMBIENT LOOP INSTALLATION LIMIT THE AMOUNT OF TEMPORARY CONSTRUCTION FENCE TO BE INSTALLED BY CONTRACTOR TO THE MINIMUM NECESSARY TO SAFELY CONDUCT WORK. LIMIT WORK ZONES TO ACTIVE CONSTRUCTION AREAS AS TO NOT IMPACT RESIDENTS ACCESS AND PARKING AS WORK PROGRESSES.
4. TEMPORARY CONSTRUCTION FENCE TO BE INSTALLED BY CONTRACTOR TO THE MINIMUM NECESSARY TO SAFELY CONDUCT WORK. LIMIT WORK ZONES TO ACTIVE CONSTRUCTION AREAS AS TO NOT IMPACT RESIDENTS ACCESS AND PARKING AS WORK PROGRESSES.
5. NOTE C-2 FOR SIZES AND SHEET C-3 FOR GENERAL LAYOUT. SEE



GEOTHERMAL LOOP PIPING PLAN IV - LINDBERGH ROAD AND HAMPSHIRE ROAD



PROJECT NO. 253460-273904 FILE NAME: C0083514		SHEET NO. C-9	
GEOTHERMAL LOOP PIPING PLAN IV LINDBERGH ROAD & HAMPSHIRE ROAD		EVERSOURCE NETWORKED GEOTHERMAL DEMONSTRATION PILOT PROJECT	
DESIGNED BY: C. PETERSON DRAWN BY: C. PETERSON SHEET CHECKED BY: S. LANGSE CROSS CHECKED BY: D. FARESETTI APPROVED BY: FEBRUARY 2023 DATE:		CDM Smith 72 BANA STREET, SUITE 700 WASHINGTON, DC 20004 TEL: 301.442.0000	
REV. NO.	DATE	BY	REMARKS

ISSUED FOR CONSTRUCTION

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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

July 6, 2023

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

Re: Hampshire 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 2023-029 as depicted on Geothermal Loop Planning IV Lindbergh Road & Hampshire Road, prepared by CDM Smith, dated February 2023 and revised July 2023.

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