

CITY OF NEWTON
Department of Public Works
ENGINEERING DIVISION

Memorandum

To: Councilor Alison Leary, Facilities Committee Chair.
From: John Daghlian, Associate City Engineer
Re: Woodland Road, Hancock Street & Graydale Circle
Date: April 4, 2022
CC: Jim Mcgonagle, Commissioner
Shawna Sullivan, Chief of Staff
Lou Taverna, PE City Engineer
Cassidy Flynn, Associate City Clerk

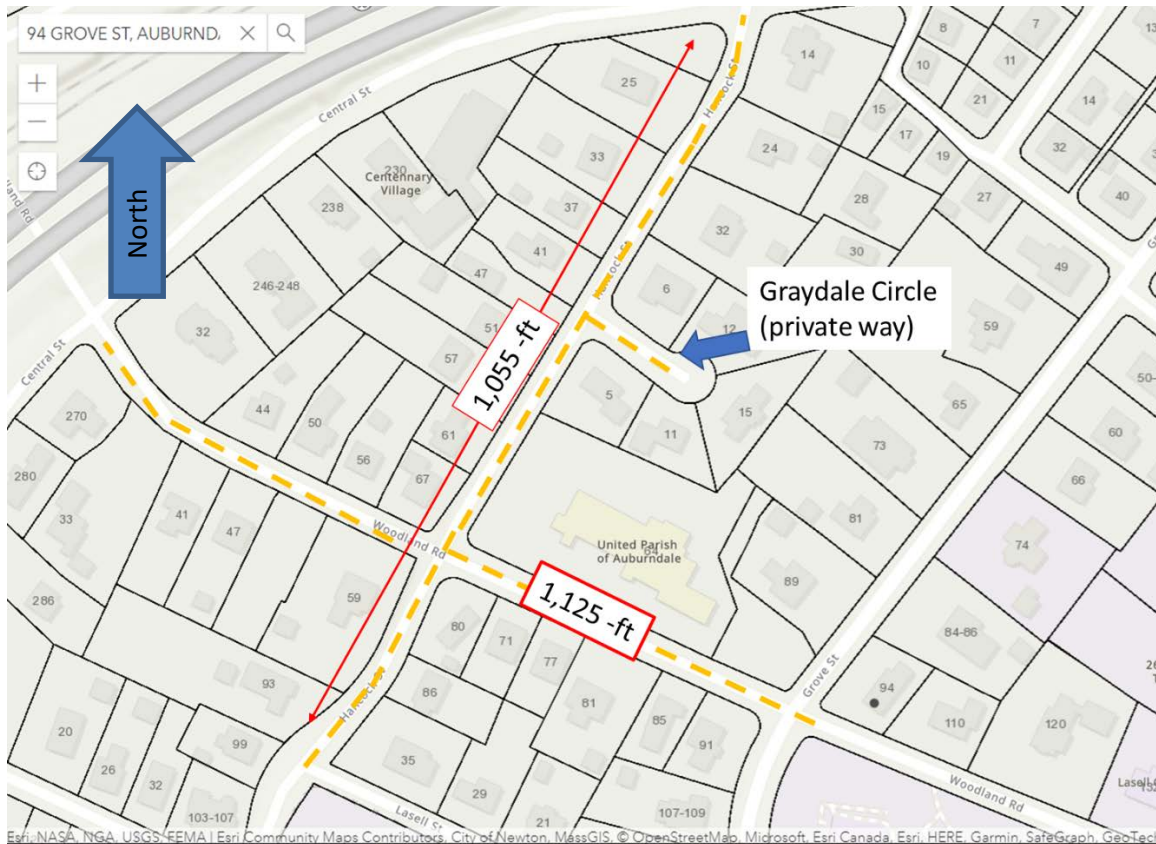
In reference to the above location, the following are my comments for a plan entitled:

Proposed Gas Main Installation
Project Description
7-93 Hancock Street & 32-94 Woodland Road
Prepared by: CHA
Dated: 3-14-2022

Executive Summary:

As part of the Cast Iron Main Replacement Program Nationalgrid is requesting that approximately 755 feet of 3- inch, cast iron pipe circa (1904/1910) and approximately 300 feet of 4 -inch, cast iron pipe (1905) be replaced with approximately 1,055 feet of 6- inch plastic in Hancock St from the 6-inch coated steel at #7 Hancock St to the existing 4- inch, cast iron at #93 Hancock St. (see map below).

In Woodland Road 1,125 feet of new 8-inch plastic will replace the existing bare steel main dating between 1928 to 1951 near the intersection of Central Street to just beyond the intersection of Grove Street near Lasell University campus.



Due to the proximity of the Williams School, I recommend that this construction on Hancock Road & Woodland Road only commence when the school year is over.

The petition also includes replacement of the existing 1935 main in Graydale Circle from Hancock Road to #11 Graydale Circle; Graydale Circle is a private way.

Hancock Road is under a 5 -year moratorium, as such once the new gas main is installed, tested, online and all service connections are completed the road shall be milled and overlaid with Super Pavement the City's standard from curb line to curb line for the entire limits of the construction. Woodland Road was reconstructed in 2011 the restoration shall be limited to milling & overlaying an 8-foot-wide width. As Graydale Circle is a private way the restoration shall be to the satisfaction of the private way owners.

Prior to any construction a Traffic Management Plan will be required for review and approval by the Traffic Division & Police Department. A preconstruction meeting will be required with the DPW, Newton Police & Utilities and the contractor of record prior to commencement. Appropriate construction ahead warning signs, variable message boards and neighborhood notifications shall be executed a minimum of two weeks prior to the start of construction.

Due to the volume of traffic a minimum of two Police Officers will be required during construction.

Conditions & Special Provisions:

1. The contractor of record shall apply for a Street Opening & Trench Permits with the DPW prior to any construction with appropriate Bonds, Certificate of Insurance & Dig Safe clearance. The Utilities Division must be contacted for utility mark outs as the City is not a member of Dig Safe call 617-796-1640. *(This note shall be on the final construction plans).*
2. If any service connections or private utilities are disturbed by the contractor of record during construction, they shall be updated and replaced to the City's current Construction Standards. *(This note shall be on the final construction plans).*
3. All downstream catch basins shall be retrofitted with an approved type of siltation control devices, details of this shall be submitted to the City Engineer for approval. The contractor of record shall maintain these catch basins throughout the construction process and ensure that street and property flooding does not occur during construction. *(This note shall be on the final construction plans).*
4. Pedestrian access around the construction zone shall be accommodated by the contractor for the duration of the construction in accordance with the DPW requirements. *(This note shall be on the final construction plans).*
5. Upon final installation & activation of the gas main an As Built drawing [plan & profile] indicating depth of pipe shall be submitted in digital and hard copy format to the City Engineer. *(This note shall be on the final construction plans).*

The Engineering Division makes no representations and assumes no responsibility for the design(s) in terms of suitability for the particular site conditions or of the functionality or performance of any items constructed in accordance with the design(s). The City of Newton assumes no liabilities for design assumption, error, or omissions by the Engineer of Record.

If you have any questions or concerns, please call me at 617-796-1023.