



CITY OF SOMERVILLE

Commonwealth of Massachusetts
93 Highland Avenue
Somerville, MA 02143
(617) 625-6600

BUSINESS LICENSE APPLICATION - Grant of Location

File #: 18-020660

License #: BL18-000113

Address: Medford St at Walnut St

Licensee: Jay Dunn Waveguide

DBA Name: Cambridge Network Solutions

Business Ownership Type: LLC

Legal Name of Entity: Cambridge Network Solutions, LLC

Owners/Officers: Paul Lohnes, , ,

License Information:

Grant of location issued to: Cambridge Network Solutions, LLC

Describe the reason for the work, and the intended beneficiaries: The purpose of this conduit work is that it allow CNS to interconnect with a City of Somerville conduit that is located on Medford St @ Walnut St. This new conduit will provide a connection for Homeland Security to their existing network located in Somerville City Hall and Cambridge City Hospital.

Insert here the same detailed description of the work as appears in the attached Grant of Location Order: To trench approximately 119' and place (1) - 4" PVC conduit starting at a manhole at or near 299 Medford St. running southeasterly to a manhole in the sidewalk at the intersection of Medford St. and Walnut St.

Approval Conditions: None

Approved By:

John J. Long, Approved

Carlos Perez, Approved

John J. Long, Approved

ALD EWEN-CAMPEN
McLAUGHLIN
2 UTILITY CONTACTS



CITY OF SOMERVILLE, MASSACHUSETTS
CITY CLERK'S OFFICE
JOSEPH A. CURTATONE
MAYOR

JOHN J. LONG
CITY CLERK

December 3, 2018

NOTICE

You are hereby notified that the Board of Aldermen will hold a Public Hearing on the following Petition. You are receiving this Notice because the Petitioner has reported that you own property that abuts the work that is being proposed. You and other members of the public are invited to attend and be heard at this Hearing. If you are unable to attend the hearing, you may send your comments by US mail or by email to my attention, but they must arrive no later than 12 Noon on the day of the hearing, in order to be sure they are conveyed to the Board.

PETITION: Cambridge Network Solutions is applying for a Grant of Location to install 119 feet of conduit in Medford Street at Walnut Street, from the communications manhole near 299 Medford Street to the communications manhole in the sidewalk at the intersection of the two streets.

PLACE: Aldermanic Chambers, 2nd Floor, City Hall, 93 Highland Avenue, Somerville.

TIME: Thursday, December 13, 2018, at 7:00 PM.

PURPOSE: The work is necessary to allow Cambridge Network Solutions to connect Homeland Security's existing network in Somerville City Hall to its network at Cambridge City Hospital.

John J. Long
City Clerk



CITY OF SOMERVILLE, MASSACHUSETTS

DEPARTMENT OF PUBLIC WORKS

JOSEPH A. CURTATONE

MAYOR

STAN KOTY
Commissioner

RICK WILLETTE
Director of Operations

November 26, 2018

The Honorable Board of Aldermen
City Hall
93 Highland Avenue
Somerville MA, 02143

RE: Grant of Location
Cambridge Network Solutions, LLC
Medford Street at Walnut Street

Dear Board Members:

Preliminary approval is recommended for the petition and plan of Cambridge Network Solutions, LLC to install approximately 119 feet of (1) 4-inch PVC conduit starting from the communications manhole in the street near 299 Medford St to the communications manhole in the sidewalk at the intersection of Medford Street and Walnut Street. Medford Street is a public way in Somerville, MA.

This recommendation is made with reference to Cambridge Network Solutions' Petition for Grant of Location for Wires, Cables, Poles, Piers, Abutments, Conduits or Fixtures dated November 7, 2018 and plan of November 1, 2018 upon stipulation that the Grant of Location is subject to: a reservation of rescission by the Board of Aldermen; indemnification of the City for all liability arising from said Grant; all permit procedures, conditions and approvals of municipal utilities; protection of existing infrastructure; and complete surface repair, restoration and maintenance. A public hearing will be required.

This is to provide a connection for Homeland Security to their existing network located in Somerville City Hall and Cambridge City Hospital. Cambridge Network will install and splice the new 48 count lateral fiber cable into a new 864 fiber cable that will end up in Cambridge City Hospital on Line St. This work cannot be performed during the winter moratorium effective November 16, 2018. The moratorium is to be lifted in April 2019, weather permitting.

Respectfully requested,

Department of Public Works


Stan Koty, Commissioner

1 Franey Road Somerville, Massachusetts 02145

(617) 625-6600 Ext 5100 TTY (866) 808-4851 Fax (617) 623-7649

www.somervillema.gov



TO: City of Somerville MA

FROM: Cambridge Network Solutions, LLC

Location: Walnut St. and Medford St.

Service: **New underground conduit request**

Cambridge Network Solutions, LLC requests the City of Somerville MA to review and approve an application to install a new underground conduit in the public right of way located at the intersection of Walnut St and Medford St. as shown on the attached plan. The purpose of this conduit will allow Cambridge Network Solutions to interconnect with a City of Somerville Conduit that is located within the sidewalk and the Zayo (formally MFN) manhole system. The newly proposed four-inch underground conduit will provide a connection to each of these structures. Additionally, this will provide a path way for Cambridge Network Solutions, LLC to install a new 48 fiber tie fiber optic cable that will run within the conduit and provide a connection for Homeland Security to their existing network located in Somerville City Hall and Cambridge City Hospital. Cambridge Network will install and splice the new 48 count lateral fiber cable into a new 864 fiber cable that will end up in Cambridge City Hospital on Line St.

Cambridge Network Solutions with the help of engineering service from Homeland Security picked this location as it was the closet point to tie into the existing City of Somerville conduit/fiber infrastructure.

Respectfully submitted,

By: Jeff Harrington
Cambridge Network Solutions, LLC
35 McGrath Highway
Somerville MA 02143
Title: Director of Engineering
Date: 11-2-18

**PETITION FOR GRANT OF LOCATION FOR
WIRES, CABLES, POLES, PIERS, ABUTMENTS, CONDUITS OR FIXTURES**

**City of Somerville, Massachusetts
In Board of Aldermen**

Date November 7, 2018

RESPECTFULLY REPRESENTS Cambridge Network Solutions, LLC hereinafter known as the PETITIONER), that it desires to construct upon, along, under or across the public way(s) of the City of Somerville, wires, cables, poles, piers, abutments, conduits or fixtures.

WHEREFORE, the PETITIONER prays that, after due notice and public hearing as provided by law, the Board of Aldermen may by Order grant to the PETITIONER permission to construct, in accordance with plan(s) dated Sept 24, 2018, the following (describe work):

To trench approximately 119' and place (1) - 4" PVC conduit starting at a manhole at or near 299 Medford St. running southeasterly to a manhole in the sidewalk at the intersection of Medford St. and Walnut St.

The PETITIONER understands and agrees that:

1. PETITIONER shall locate and complete all work as specified and approved by the City.
2. PETITIONER shall comply with the requirements of existing ordinances and such as may hereafter be adopted governing the construction.
3. PETITIONER shall perform all work to the requirements and satisfaction of the Department of Public Works or other such officer(s) as may be hereafter appointed by the City.

For the PETITIONER:

Signature: 

Name: Jeff Harrington

Title: Director of Engineering

Mailing Address: 35 McGrath Hwy, Somerville, MA 02143

Telephone: (617) 999-2383

Date: November 7, 2018

**ORDER FOR GRANT OF LOCATION FOR
WIRES, CABLES, POLES, PIERS, ABUTMENTS, CONDUITS OR FIXTURES**

**City of Somerville, Massachusetts
In Board of Aldermen**

WHEREAS, Cambridge Network Solutions, LLC (hereinafter known as the PETITIONER) has petitioned for permission to construct upon, along, under or across the public way(s) of the City of Somerville, the following (describe work):

To trench approximately 119' and place (1) - 4" PVC conduit starting at a manhole at or near 299 Medford St. running southeasterly to a manhole in the sidewalk at the intersection of Medford St. and Walnut St.

AND WHEREAS, notice has been given and a hearing held on said petition as provided by law;
NOW THEREFORE BE IT

ORDERED that the PETITIONER be and hereby is granted permission by the Board of Aldermen to complete the construction described above, all in accordance with the following conditions:

1. PETITIONER shall locate and complete all work as shown by plan(s) dated Sept 24, 2018, and as may have been amended by the City.
2. PETITIONER shall comply with the requirements of existing ordinances and such as may hereafter be adopted governing the construction.
3. PETITIONER shall perform all work to the requirements and satisfaction of the Department of Public Works or other such officer(s) as may be hereafter appointed by the City.

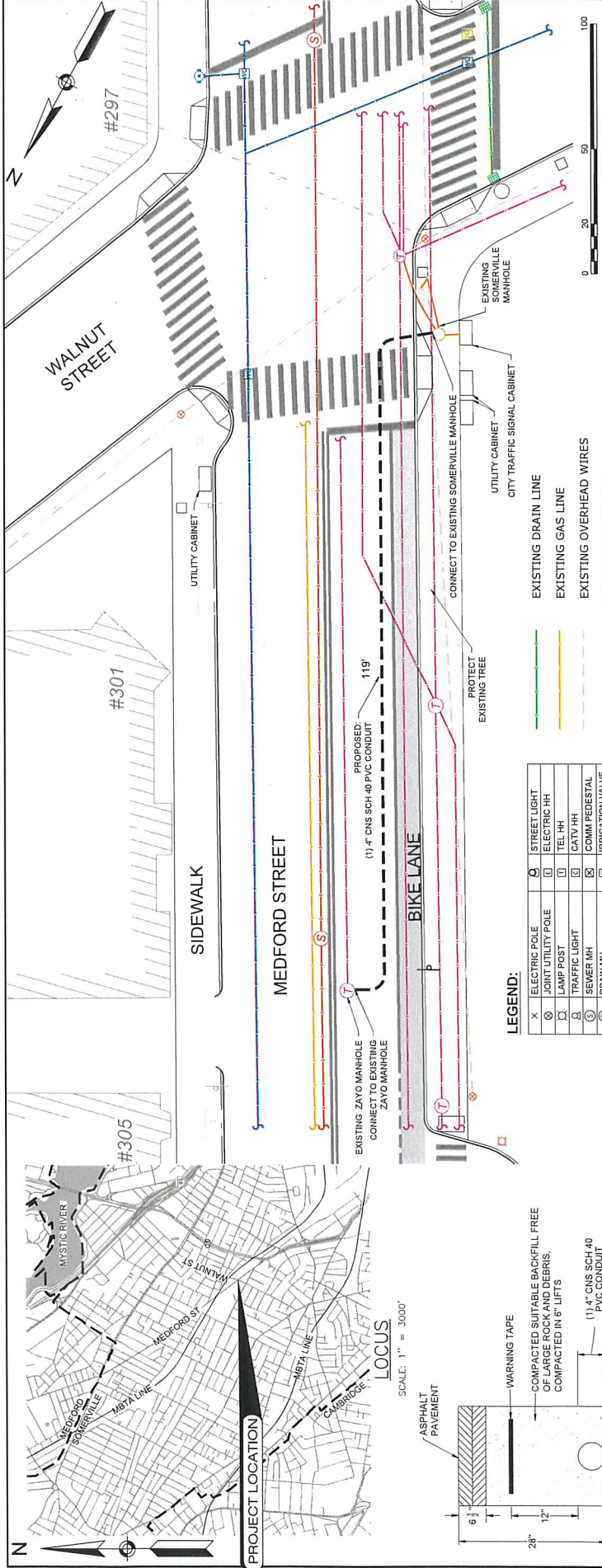
Approved by the Board of Aldermen on the _____ day of _____, 20____,

A True Record. Attest: _____ Date: _____
City Clerk

Certificate

I hereby certify that the foregoing Order was adopted by the Board of Aldermen on the _____ day of _____, 20____, after due notice and public hearing as prescribed by Section 22 of Chapter 166 of the General Laws and any additions or amendments thereto, said public hearing held in said City on the _____ day of _____, 20____, and recorded with the records of Grant of Location Orders of said City, in Book _____, Page _____.

Certified. Attest: _____ Date: _____
City Clerk



11/1/18

CAMBRIDGE
NETWORK SOLUTIONS
JEFF HARRINGTON
CAMBRIDGE NETWORK SOLUTIONS
MOBILE: 617-389-5535
JHARRINGTON@CAMBRIDGENETWORKSOLUTIONS.COM

11/1/2018

SHEET
1
OF 01

GENERAL
PLAN

MEDFORD STREET AT WALNUT STREET
SOMERVILLE, MA

TRENCH INSTALLATION
CAMBRIDGE NETWORK SOLUTIONS

Gill Engineering Associates, Inc. 63 Kendrick Street Needham, MA 02494 781-355-7100 www.gill-eng.com



LEGEND:

X	ELECTRIC POLE	○	STREET LIGHT
○	JUMP UTILITY POLE	□	ELECTRIC HH
□	LAMP POST	□	TEL. HH
□	TRAFFIC LIGHT	□	CATY HH
□	SEWER MH	□	COMM PEDESTAL
□	DRAIN MH	□	IRRIGATION VALVE
□	TELEPHONE MH	□	WATER METER
□	ELECTRIC MH	□	GAS METER
□	CATY MH	□	SEWER GATE
□	WATER MH	□	WATER GATE
□	PAG	□	HYDRANT
□	TREE	□	MAIL BOX
□	RIGHT OF WAY	□	STONE BOUND
□	CULVERT	□	PARKING METERS
□	GUARD RAIL	□	STEEL POST
□	FENCE	□	ELECTRIC VAULT
□	TRAFFIC HH	□	UG CABLE MARKER
□	PROPOSED HH	□	TRANSFORMER
□	PROPOSED CONDUIT	□	CATCH BASIN

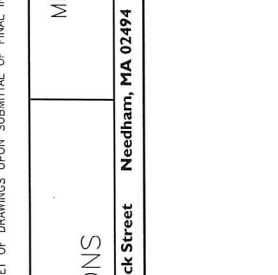
NOTES:
1. ALL UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT MATCH FIELD CONDITIONS. EXISTING UTILITY INFORMATION SHOWN ON THIS DRAWING HAS BEEN COMPILED FROM EXISTING CITY DRAWINGS AND/OR FIELD INSPECTION.
2. THE EXACT LOCATION OF ALL UNDERGROUND STRUCTURES MUST BE VERIFIED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND AVOID EXISTING SUBSTRUCTURES. BEFORE EXCAVATING, CALL: 1-888-DIGSAFE.
3. MAINTAIN A MINIMUM CLEARANCE OF 12 INCHES WHEN CROSSING FOREIGN SUBSTRUCTURES.
4. ALL CONDUIT, MANHOLES AND POLES SHALL BE LOCATED IN PUBLIC PROPERTY UNLESS OTHERWISE SPECIFIED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COMPLIANCE WITH ALL THE CONDITIONS, RESTRICTIONS, CONSTRUCTION METHODS, AND SAFETY REQUIREMENTS IMPOSED BY THE THE EXCAVATION PERMIT ISSUED AND THESE REQUIREMENTS IMPOSED BY OSHA, BEFORE EXCAVATING. CALL: 1-888-DIGSAFE.
6. THE LOCATIONS AND SAFE CROSSINGS OF ALL FOREIGN UTILITIES IS THE SUBCONTRACTOR'S RESPONSIBILITY. HAND DIG WHERE REQUIRED.
7. THE SUBCONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION TO ORIGINAL OR BETTER THAN ORIGINAL CONDITION.
8. IT WILL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO MAINTAIN CONSTRUCTION AS BUILT DRAWINGS AND PRESENT A COMPLETE SET OF DRAWINGS UPON SUBMITTAL OF FINAL INVOICE.
9. TRENCH WORK WILL BE COMPLETED BY CAMBRIDGE NETWORK SOLUTIONS.

TRENCH DETAIL NOTES:

- 24" MAXIMUM FROM TOP OF CONDUIT TO SURFACE.
- 12" FROM TOP OF CONDUIT TO WARNING TAPE PLACED ABOVE.
- REPAIR SIDEWALKS AND WALKWAYS WITH THE SAME MATERIALS AS EXISTING.

INSTALLATION DETAIL

NOT TO SCALE



PROJECT LOCATION



SCALE: 1" = 3000'

LOCUS

299 Medford Street
SOMERVILLE, MA

Map		Blo		Lot		Stree		Grantee	Co grantee-s Name	Mailing Address
Cut	Loc	Cut	Loc	Cut	Unit	Alternate	Numb			
61	E			5			307	MEDFORD ST	GRIMES JOAN	66 HINCKLEY ST
61	E			6			299	MEDFORD ST	NEXT STEP HOUSING CORP	C/O JUST A START CORP. AT 1035 CAMBRIDGE ST #12

