

ALD. HEUSTON  
ALD. McWATTERS  
2 UTILITY REPS



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

JOHN J. LONG  
CITY CLERK

November 10, 2017

**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 City records indicate 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.

**PETITION:** Lighttower Fiber Networks is applying for a Grant of Location to install 88 feet of conduit in Washington Street from Pole #34A to a point of pickup at 237 Washington Street.

**PLACE:** Aldermanic Chambers, 2<sup>nd</sup> Floor, City Hall, 93 Highland Avenue, Somerville.

**TIME:** Tuesday, November 21, 2017, at 7:00 PM.

**PURPOSE:** The work is necessary to provide service to 237 Washington Street.

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*

October 31, 2017

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

**RE: Grant of Location  
Lightower Fiber Network  
237 Washington Street**

Dear Board Members:

Preliminary approval is recommended for the petition and plan of Lightower Fiber Network to install 88 feet of (1) 4-inch communication conduit (schedule 40) in the sidewalk from pole #P.34A on Washington Street, to 237 Washington Street. This will include the removal and replacement of 12 sidewalk panels. Washington Street is a public way in Somerville.

This recommendation is made with reference to Lightower's petition of October 17, 2017 and plan of September 2017. 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, to ADA requirements, restoration and maintenance. A public hearing will be required.

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](http://www.somervillema.gov)



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

## **BUSINESS LICENSE APPLICATION - Grant of Location**

File #: 17-019560

License #: BL17-000147

Address: 237 WASHINGTON ST

Licensee: Bill Conway Axis Engineering Group

DBA Name:

Business Ownership Type: Corporation

Legal Name of Entity: Lighttower Fiber Networks

Owners/Officers: Rob Shanahan, , ,

### **License Information:**

**Grant of location issued to:** Lighttower Fiber Networks, LLC

**Describe the reason for the work, and the intended beneficiaries:** TO PROVIDE LIGHTTOWER FIBER OPTIC SERVICES TO THE CUSTOMER RIGHTHAND ROBOTICS, LLC.

**Insert here the same detailed description of the work as appears in the attached Grant of Location Order:** Proposed trench of +/- 88 feet of (1) 4" Communication Conduit (Schedule 40) on Washington St to the building located at 237 Washington St. This will include the removal and replacement of 12 sidewalk panels.

Approval Conditions:



October 17, 2017

City Clerk  
John Long  
93 Highland Avenue  
Somerville, MA 02143

RE: Lighttower Fiber Networks, LLC Application for Grant of Location

Dear Mr. Long,

Lighttower Fiber Networks, LLC would like to submit a Grant of Location Application to the City of Somerville in order, to permit and build a fiber connection in the City of Somerville. The purpose of the proposed build is to connect Lighttower's existing fiber network to a new customer at 237 Washington Street.

Lighttower Fiber Networks, LLC respectfully petitions the Board of Aldermen to place (1) 4 inch PVC Communication Conduit and maintain a total of +/- 88 feet of conduit from Utility Pole #34A on Washington Street to the building at 237 Washington Street.

We would like to complete the proposed work as soon as possible. If you have any questions or concerns, please reach me at the below numbers. Thank you for your consideration.

Sincerely,

*Chris Finneran*

Chris Finneran  
Fiber Construction Engineer  
Mobile: 774-437-3633  
cfinneran@lighttower.com

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

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

Date 10/7/17

RESPECTFULLY REPRESENTS LIGHTOWER FIBER NETWORKS, 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 10/17/17, the following (describe work):

*INSERT DESCRIPTION OF WORK HERE*

PROPOSED TRENCH OF +/- 88 FEET OF (1) 4" COMMUNICATION CONDUIT (SCHEDULE 40)  
ON WASHINGTON ST TO THE BUILDING LOCATED AT 237 WASHINGTON ST. THIS WILL  
INCLUDE THE REMOVAL AND REPLACEMENT OF 12 SIDEWALK PANELS.

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: Chris Finneran

Name: CHRIS FINNERAN

Title: FIBER CONSTRUCTION ENGINEER

Mailing Address: 80 CENTRAL STREET, BOXBOROUGH, MA 01719

Telephone: 774-437-3633

Date: 10/17/17

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

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

WHEREAS, LIGHTOWER FIBER NETWORKS, 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):

*INSERT DESCRIPTION OF WORK HERE*

PROPOSED TRENCH OF 88 FEET OF (1) 4" COMMUNICATION CONDUIT (SCHEDULE 40) FROM UTILITY POLE #34A ON WASHINGTON ST TO THE BUILDING LOCATED AT 237 WASHINGTON ST. THIS WILL INCLUDE THE REMOVAL AND REPLACEMENT OF 12 SIDEWALK PANELS.

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 10/17/17, 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



**PROPOSED CONDUIT INSTALLATION**

**FOR  
237 WASHINGTON ST  
IN  
SOMERVILLE, MA**

**INDEX OF DRAWING**

SHT NO.	DESCRIPTION
01	PROPOSED PLAN

October 17, 2017



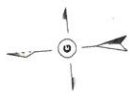




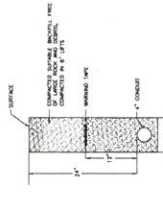
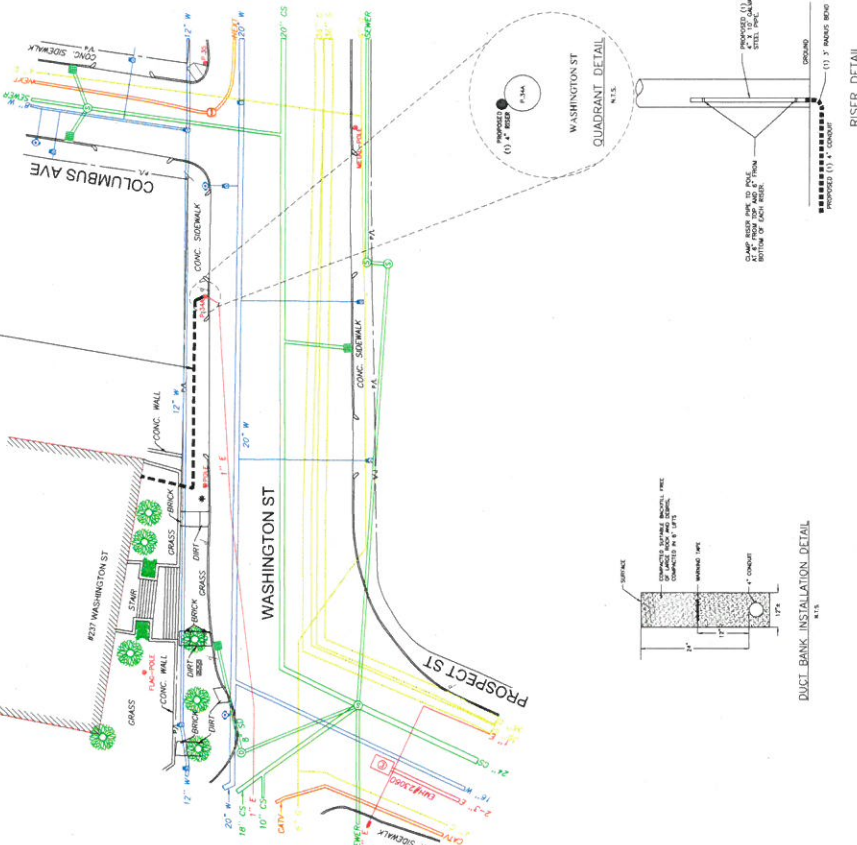


**GENERAL NOTES**

1. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN BY THIS PLAN. CONTRACTORS SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES. CONTRACTORS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR'S WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
2. IF AN EXISTING UTILITY IS FOUND TO HAVE CAUSED A CONFLICT WITH THE PROPOSED WORK, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
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6. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK INSTALLED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE OWNER. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES AND SIGNAGE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
8. WORKERS SHALL WEAR SAFETY VESTS, HATS, AND GLOVES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
9. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
10. THE CONTRACTOR SHALL REPLACE ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
11. ALL EXISTING STATE, COUNTY, CITY, TOWN, AND PRIVATE UTILITIES SHALL BE PROTECTED. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.
12. THE CONTRACTOR SHALL REPLACE ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.



PROPOSED 88 FEET OF (1) 4" COMMUNICATION CONDUIT (SCHEDULE 40) FROM POLE #38A TO #237 WASHINGTON ST



DUCT BANK INSTALLATION DETAIL  
N.T.S.



RISER DETAIL  
N.T.S.



**UNDERGROUND SERVICE ALERT  
(CALL BEFORE YOU DIG)  
72 HOURS NOTICE REQUIRED**



PROPERTY LINE	TRAFFIC SIGNAL	SEWER MH	JOINT OWNED POLE	WATER PIPE
EDGE OF PAVEMENT	TRAFFIC BOY	CATCH BASIN	ELEC POLE	SEWER PIPE
PROPOSED MANHOLE	UNKNOWN GATE	MELT CATCH BASIN	SOLE OWNED TEL POLE	DRAIN PIPE
PROPOSED CONDUIT	UNKNOWN GATE	TELEPHONE MH	LIGHT POLE	TELEPHONE PIPE
AS-BUILT CONDUIT	TREE	STEAM MH	ELECTRIC MH	RELIEF PIPE
	BUSH	CABLE TV MH	TRANSFORMER	CAS PIPE
			WATER VALVE	GAS PIPE
			WATER GATE	STEAM PIPE
			WATER METER	
			WATER METER	

WATER MH	JOINT OWNED POLE	WATER PIPE
SEWER MH	ELEC POLE	SEWER PIPE
CATCH BASIN	SOLE OWNED TEL POLE	DRAIN PIPE
MELT CATCH BASIN	LIGHT POLE	TELEPHONE PIPE
TELEPHONE MH	ELECTRIC MH	RELIEF PIPE
STEAM MH	TRANSFORMER	CAS PIPE
CABLE TV MH	WATER VALVE	GAS PIPE
	WATER GATE	STEAM PIPE
	WATER METER	
	WATER METER	

WATER MH	JOINT OWNED POLE	WATER PIPE
SEWER MH	ELEC POLE	SEWER PIPE
CATCH BASIN	SOLE OWNED TEL POLE	DRAIN PIPE
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TELEPHONE MH	ELECTRIC MH	RELIEF PIPE
STEAM MH	TRANSFORMER	CAS PIPE
CABLE TV MH	WATER VALVE	GAS PIPE
	WATER GATE	STEAM PIPE
	WATER METER	
	WATER METER	

WATER MH	JOINT OWNED POLE	WATER PIPE
SEWER MH	ELEC POLE	SEWER PIPE
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STEAM MH	TRANSFORMER	CAS PIPE
CABLE TV MH	WATER VALVE	GAS PIPE
	WATER GATE	STEAM PIPE
	WATER METER	
	WATER METER	

DATE	APPROVED	REVISION

PROPOSED PLAN  
TITLE: 1111 WASHINGTON ST  
LOCATION: SOXWELL, VA

CHECKED BY: [Signature]  
DRAWN BY: [Signature]  
DATE: SEPT, 2017  
SCALE: 1" = 20'

PREPARED FOR: **lighttower**  
LIGHT TOWER CONSULTANTS

PREPARED BY: **GUERRERO**  
UTILITIES CONSULTANTS

NOTE: LOCATIONS OF EXISTING UNDERGROUND UTILITIES AND SHOWN ON THIS PLAN ARE ONLY AS SHOWN ON THE RECORD DRAWINGS OF ALL UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR'S WORK. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AT ALL TIMES.



**TRAFFIC MANAGEMENT PLAN  
FOR  
PROPOSED CONDUIT INSTALLATION  
AT  
237 WASHINGTON ST  
IN  
SOMERVILLE, MA**

<b>INDEX OF DRAWING</b>	
<b>SHT NO.</b>	<b>DESCRIPTION</b>
01	TRAFFIC MANAGEMENT PLANS
02	TRAFFIC MANAGEMENT DETAILS







License Detail

Secure | https://www2.citizenserve.com/Admin/PermitController?Action=DisplayPermitDetail&SelectedTab=Permits&Per...

Contact Information: Permit Applicant

Contact Type: Contractor [view additional information on this contact](#)  
 Contact Name: Bill Conway Company Name: Axis Engineering Group  
 Home Address: 1900 West Park Dr, Suite 165 Business Address: 1900 West Park Dr, Suite 165  
 Westborough MA 01581 Westborough MA 01581  
 Home Phone: (781) 340-7260 Work Phone: (508) 870-3110  
 Mobile Phone: (617) 827-8912 Fax:  
 Email: bconway@axisgroup.com Portal Information:  
 Title: Status:  
 District: User Name: BConway  
 Note: Password: \*\*\*\*\*  
 Association: Applicant Portal Access:   
**State License Information**  
 HIC License #: Expiration Date:  
 CSL License #: Expiration Date:  
[Lookup License](#)  
 Save  
 Amount Paid: \$ 0.00 Issue Date:

SOMERVILLE, MA

Map	Bldg			Lot	Stree	Grantee	Co. grantee-s Name	Mailing Address	City	St Zip	Use
	Cut	Cut	Cut								
81	E		1	17	BONNER AVE	FOR LIFE VIOLA BENEDETTO & MARY TRUST VIOLA REALTY REM		17 BONNER AVE	SOMERVILLE	MA 02143	1040 TWO
81	E		2	20	COLUMBUS AVE	STRACCOALPERSI JOHN		20 COLUMBUS AVE	SOMERVILLE	MA 02143	1010 SING
81	E		3	18	COLUMBUS AVE	VELLUCCI VINCENT F & NANCY M F KELLER AMY J REM		16 COLUMBUS AVE	SOMERVILLE	MA 02143	1040 TWO
81	E		5	10	COLUMBUS AVE	DWYER JOANNE C & JOHN S		8 COLUMBUS AVE	SOMERVILLE	MA 02143	1040 TWO
81	E		6	6	COLUMBUS AVE	DAVIDIAN JAMES C & GREGORY TRU COLUMBUS AVE NOMINEE TRUS		231 WASHINGTON ST	CONCORD	MA 01742	1040 TWO
81	E		7	231	WASHINGTON ST	DAVIDIAN WASHINGTON STREET LLC		231 WASHINGTON ST	SOMERVILLE	MA 02143	334S GAS
81	E		8	237	WASHINGTON ST	UNION SQUARE PARTNERS LLC		36 BAY STATE RD	CAMBRIDGE	MA 02138	3400 OFFI

