

**CITY OF LOWELL**

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**PETITION**

**CITY COUNCIL**

**Pole Location**

*Whispered In Internet Systems Inc.  
Request to place existing networking  
equipment from Utility Pole on land of  
City of Lowell  
at City Council  
Massachusetts Blvd.*

*June 11, 2019*

Read and hearing ordered for 7PM on

*June 25, 2019*

**Read, Hearing Held,  
Referred to Wire In-  
spector, Development  
Services**

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City Clerk

Christine Clancy, P.E.  
 City Engineer

## Review of Utility Company Request for New Conduit/Pole Location

Applicant Information

Project Address

Utility Gas Electric Telephone

Pawtucket St Bridge over Northern Canal

(circle one) (Other) Extenet

Lowell, MA

Reason Install cell antenna on city owned light pole and single conduit to pole base. May require replacing existing light pole and base with new pole and base. This is for the TIGER Bridge Project.

5/30/19

Review done by Joseph Assenza

Sidewalk Material

Concrete Asphalt Other

Note: material to be replaced in kind (Concrete in full panels)

Sidewalk Vaults present	Y	(N)
Work on Street under a Paving Moratorium	Y	(N)
Is this location within the Flood Plain?	Y	(N)
Are ADA requirements being met?	(Y)	N

Comments

If new pole and/or base required must be approved by City Engineers office.

Outcome of Review

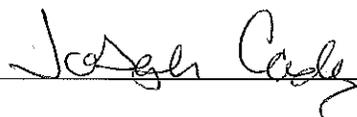
Approved

Approved With  
Comments

Denied



Christine Clancy, P.E. City  
 Engineer



# Waveguide

May 30, 2018

*NEW  
PLAN*

Michael Geary  
Lowell – Office of the City Clerk  
375 Merrimack St.  
Lowell, MA 01852

RE: Relocatoin of Networking Equipment on Streetlight at Northern Canal

Dear Mr Geary:

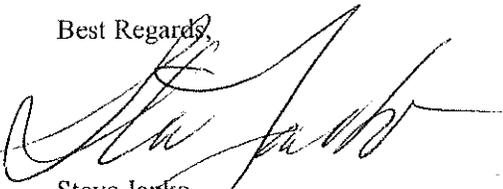
On behalf of our clients, Extenet Systems, Inc (Extenet) and The City of Lowell, Waveguide, Inc (Waveguide) is submitting the following information for proposed work associated with the Northern Canal Bridge Project 608420, for review and approval by The City of Lowell. The project involves moving the existing networking equipment from utility pole 18, currently on the bridge, to an existing streetlight, as requested by the City, at the corner of Pawtucket St and Father Morissette Blvd. The streetlight has temporarily been removed by the bridge contractor to make room for the excavation but is slated to be placed back in its original location. Waveguide, on behalf of Extenet and the City, will replace the foundation at the original location, erect the new streetlight and relocate the network equipment for Extenet and the City onto the structure so that pole 18 can be removed.

As requested, and for consideration by the Board of Selectman, we are providing the following:

1. One (1) copy of the plan "Extenet Node 37 Relocation"
2. One (1) copy of "City of Lowell Application for Street Occupancy and Excavation Permit"

Should you have any questions regarding these documents, please feel free to contact me at (978) 846-0336. Questions regarding the utility installation may also be directed to Mr. Eric Ballman, Utility Engineer with Waveguide at (978) 569-0684.

Best Regards,

  
Steve Janko  
CTO  
Waveguide

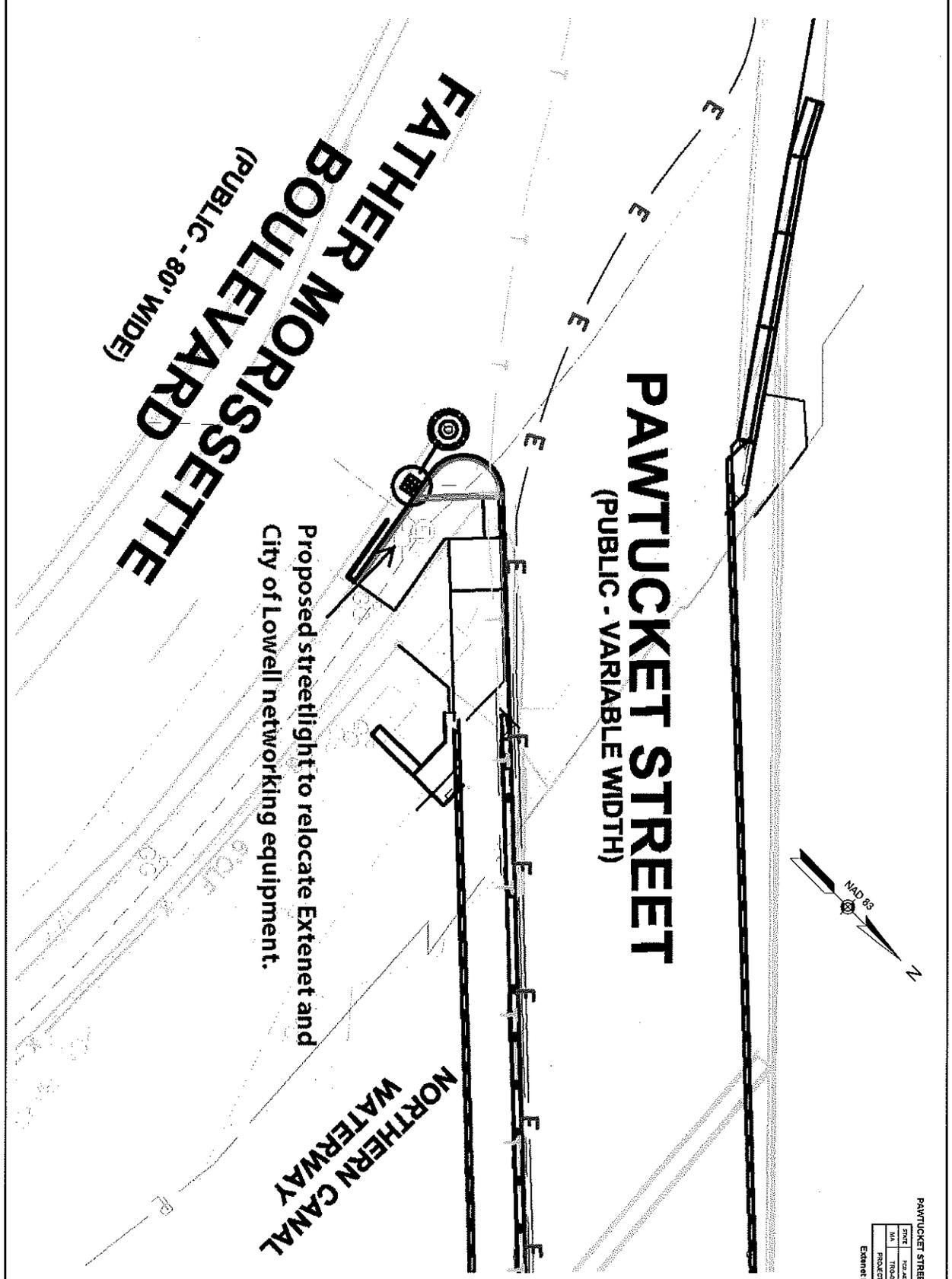
WAVEGUIDE FIBER  
ENGINEERS

# FATHER MORISSETTE BOULEVARD (PUBLIC - 80' WIDE)

# PAWTUCKET STREET (PUBLIC - VARIABLE WIDTH)

Proposed streetlight to relocate Extenet and City of Lowell networking equipment.

# NORTHERN CANAL WATERWAY



LOWELL  
PAWTUCKET STREET OVER NORTHERN CANAL

DATE	PROJECT NO.	PROJECT TITLE
1/11/2011	1103-000000710	PAWTUCKET STREET OVER NORTHERN CANAL
PROJECT FILE NO.	DATE	
Extenet Node 37 Relocation		

# Waveguide

May 29, 2019

Michael Geary  
Lowell – Office of the City Clerk  
375 Merrimack St.  
Lowell, MA 01852

RE: Pawtucket St Conduit Placement at Northern Canal

Dear Mr Geary:

On behalf of our clients, University of Massachusetts – Lowell (UMass), Comcast and Extenet Systems, Inc (Extenet), Waveguide, Inc (Waveguide) is submitting the following information for proposed work associated with the Northern Canal Bridge Project 608420, for review and approval by The City of Lowell. The project involves the underground installation of approximately 450 feet of five (5) new four (4) inch PVC communications conduits from the existing utility pole 21 on the west side of the Northern Canal Bridge on Pawtucket St @ Father Morissette Blvd, easterly to existing utility pole 14 on the east side of the Northern Canal. Two (2) conduits shall be installed for UMass and one (1) for Extenet. UMass and Extenet will share one (1) intermediate 3'x3' handhole on each side of the canal. Two (2) additional conduits and two (2) 3'x3' handholes shall be installed and owned by Comcast. This conduit installation is required to move existing aerial facilities underground as proposed by the Northern Canal Project. In addition, we propose one (1) new three (3) inch conduit be installed within the trench between pole 21 and the existing street light located at the West side of the bridge for installation of power service to the Extenet equipment.

As requested and for consideration by the Board of Selectman, we are providing the following:

1. One copy (1) of the plan "PAWTUCKET STREET OVER NORTHERN CANAL" Utility Plan for your review;
2. One copy of "City of Lowell Application for Street Occupancy and Excavation Permit"
3. One copy of (2 Pages) "Handhole/Lid Specifications"
4. One copy of (3 Pages) "Traffic Flow Proposal" for work on the Western side of the canal bridge, on Father Morissette Blvd.

Should you have any questions regarding these documents, please feel free to contact me at (978) 846-0336. Questions regarding the utility installation may also be directed to Mr. Eric Ballman, Utility Engineer with Waveguide at (978) 569-0684.

Best Regards,

Steve Janko

# Waveguide

May 16, 2018

Michael Geary  
Lowell – Office of the City Clerk  
375 Merrimack St.  
Lowell, MA 01852

OLD  
PLAN

RE: Utility Pole Placement at Northern Canal

Dear Mr Geary:

On behalf of our clients, Extenet Systems, Inc (Extenet) and The City of Lowell, Waveguide, Inc (Waveguide) is submitting the following information for proposed work associated with the Northern Canal Bridge Project 608420, for review and approval by The City of Lowell. The project involves the placement of a new 40' class 3 utility pole at the intersection of Pawtucket St and Father Morissette Blvd. This pole is to support moving the existing networking equipment off of the Northern Canal Bridge so that the existing pole can be removed.

As requested, and for consideration by the Board of Selectman, we are providing the following:

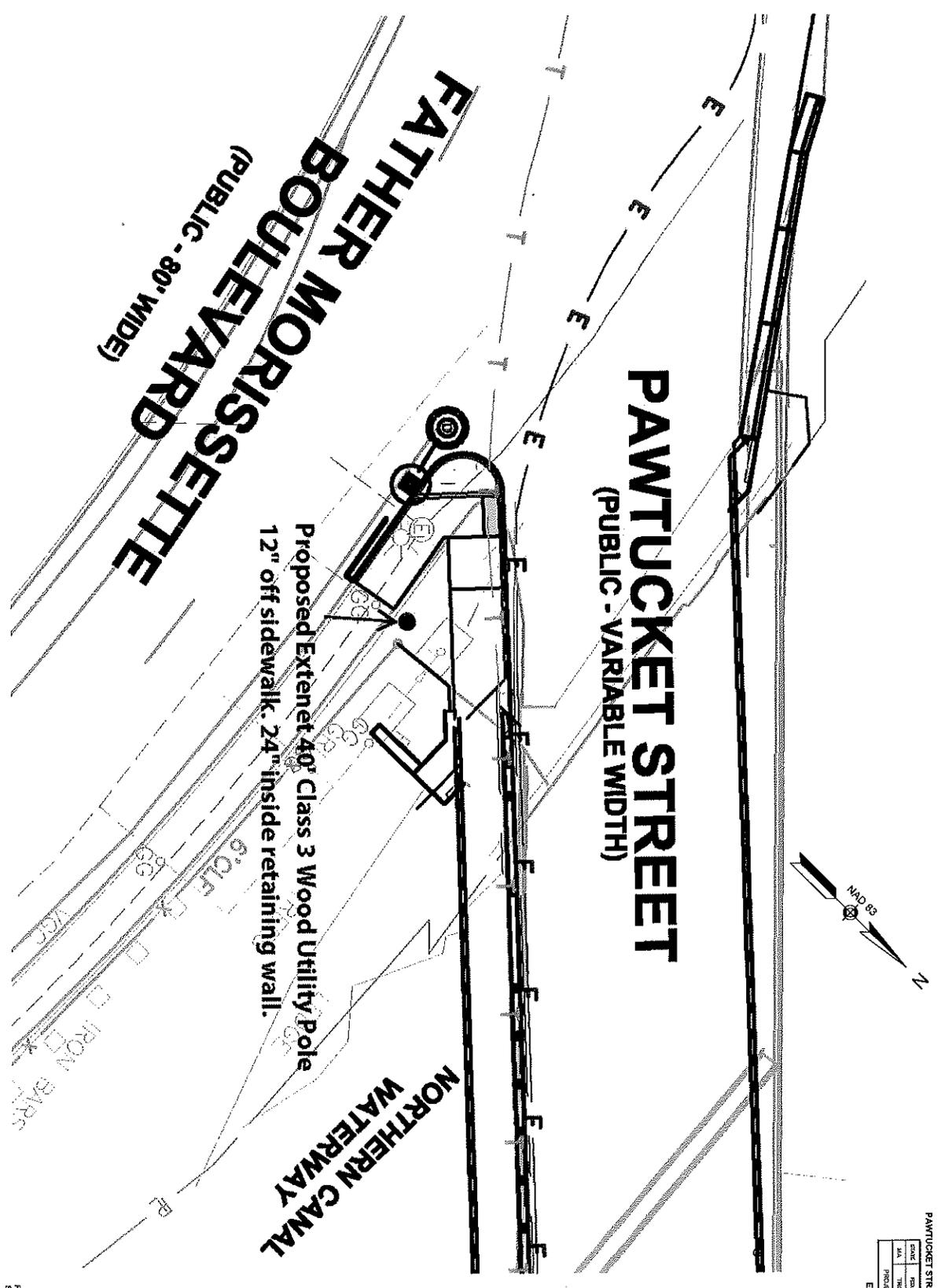
1. One (1) copy of the plan "Extenet Pole Set"
2. One (1) copy of "City of Lowell Application for Street Occupancy and Excavation Permit"

Should you have any questions regarding these documents, please feel free to contact me at (978) 846-0336. Questions regarding the utility installation may also be directed to Mr. Eric Ballman, Utility Engineer with Waveguide at (978) 569-0684.

Best Regards,

Steve Janko  
CTO  
Waveguide

MAY 17 '19 AM 11:27  
ENGINEERS

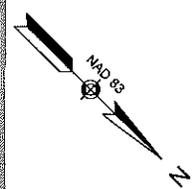


**FATHER MORISSETTE BOULEVARD**  
 (PUBLIC - 80' WIDE)

**PAWTUCKET STREET**  
 (PUBLIC - VARIABLE WIDTH)

Proposed Extenet: 40' Class 3 Wood Utility Pole  
 12" off sidewalk. 24" inside retaining wall.

**NORTHERN CANAL**



LOWELL  
 PAWTUCKET STREET OVER NORTHERN CANAL

DATE	ISS. AND REV. LOG	SHEET NO.	TOTAL SHEETS
TALE	TRACED (REV. 11)	OF	OF
PROJECT FILE NO.	OWNER		

Extenet Pole Set

FOR CONSTRUCTION PLAN:  
 SEE SHEET NO. 19