

CITY OF LOWELL

PETITION

CITY COUNCIL

Conduit Location

National Blvd

Andrews St. install 3-6" PVC conduits  
from existing pole 5 Andrews St. existing  
manhole 3-3 on Market Data center  
In City Council

September 25, 2018

Read and hearing ordered for 7PM on

October 9, 2018

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

City Clerk



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

**Applicant Information**

Utility Gas Electric Telephone

(circle one) Other

Reason Service to Markley Data Center Property

**Project Address**

Across from 48 Andrews Street

Lowell, MA

Date Submitted 9/10/2018

Review done by Richard Biagini

**Sidewalk Material**

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

Concrete Asphalt Other

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**

Please note City of Lowell Engineering Department Trench, Roadway, and Sidewalk Repair Requirements August 2018 memo Attached.

**Outcome of Review**

Approved

Approved With  
Comments

Denied

Christine Clancy, P.E.  
City Engineer

Christine Clancy, P.E., City Engineer

CITY OF LOWELL ENGINEERING DEPARTMENT  
TRENCH, ROADWAY, AND SIDEWALK REPAIR REQUIREMENTS

Date: August 2018

Trench, roadway, and sidewalk repair work shall be completed under the observation of an inspector. The following information is supplemental to all pertinent City ordinances and the DPW/Engineering Department Permit Manual:

**Trench**

- (1) Limits of trench excavations shall be sawcut prior to removing asphalt or concrete.
- (2) If lateral trench work is greater than 4' deep, the contractor shall backfill with flowable fill that does not contain fly ash. Flowable fill may be substituted with backfill if a full time inspector observes and documents the compaction of the trench.
- (3) The trench patch shall match the existing thickness of asphalt or minimum 4" (whichever is thicker) and shall be installed in lifts not to exceed 2". If there are cobblestones or concrete beneath the existing roadway, the minimum thickness of asphalt shall be 6".

**Roadway**

- (1) After a minimum of 60 days after the temporary trench is placed, permanent trench patch shall be placed with a paving machine and include the following:
  - a. Mill to a depth of 1.5" on either side of trench; extending a minimum 5' beyond the edges of the trench to the limits of the centerline (or curb to curb if trench extends beyond the centerline); total mill width minimum is trench width plus 10'.
  - b. If there are multiple trenches within 30' of each other, mill shall be continuous through patches and extend a minimum of 5' beyond the trench limits.
- (2) Apply rubber sealing at joints where overlay limits meets existing pavement. For streets under a moratorium, apply infrared sealing at joints with existing pavement.
- (3) Restore disturbed pavement markings in kind.
- (4) *If the street is under a 5-year moratorium, the City Engineer or DPW Commissioner shall provide prior approval of any trench work (excludes emergency work).*
- (5) *If the street is anticipated for upcoming restoration, the City Engineer or DPW Commissioner can elect to adjust (lessen) the above restoration limit requirements.*

**Sidewalk**

- (1) All concrete sidewalk repairs shall replace the full panel. If disturbed panel is ADA compliant, repaired panel shall be ADA compliant.
- (2) All work completed in a pedestrian ramp shall replace the entire ramp including the detectible tile. Detectible tiles shall be cast iron.
- (3) All repair work completed on an asphalt sidewalk shall extend full to the back of sidewalk and be a minimum of 4' wide (running parallel to the curbing).
- (4) Concrete for sidewalk shall be fiber reinforced and shall have 2 coats of a water based 100% acrylate sealant applied per manufacturer's requirements. The sealant shall be applied a minimum of 30 days after the concrete is placed but no more than 45 days after the concrete is placed.
- (5) Restoration of granite curbing shall include concrete at the front and back of sidewalk.

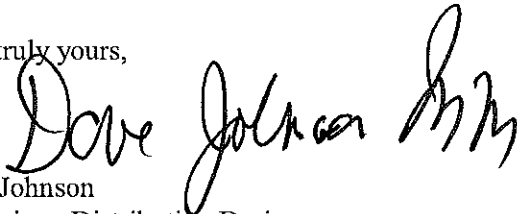
nationalgrid

September 5, 2018  
City of Lowell Massachusetts  
To Whom It May Concern:

Enclosed please find a petition of NATIONAL GRID covering the installation of underground facilities  
If you have any questions regarding this permit please contact:  
Richard Jackson 508 298 1525  
If this petition meets with your approval, please return an executed copy to:

National Grid Contact: Maureen Miloro; 1101 Turnpike Street; North Andover, MA 01845 978 725  
1418

Very truly yours,



Dave Johnson  
Supervisor, Distribution Design

Enclosures

2018 SEP 10 AM 10:05

CITY OF LOWELL  
OFFICE OF THE CITY CLERK

Questions contact – Richard Jackson 508 298 1525

Petition of the NATIONAL GRID  
Of NORTH ANDOVER, MASSACHUSETTS  
For Electric conduit Location:

To the City Council of Lowell Massachusetts

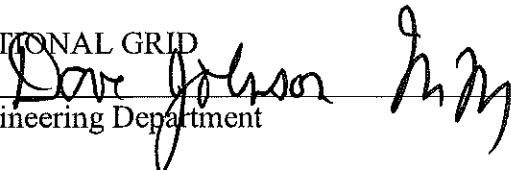
Respectfully represents the NATIONAL GRID of North Andover, Massachusetts, that it desires to construct a line of underground electric conduits, including the necessary sustaining and protecting fixtures, under and across the public way or ways hereinafter named.

Wherefore it prays that after due notice and hearing as provided by law, it be granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as it may find necessary for the transmission of electricity, said underground conduits to be located substantially in accordance with the plan filed herewith marked – Andrews St- Lowell Massachusetts

The following are the streets and highways referred to:

**25081114** Andrews St- National Grid to install 2-6" PVC Conduits from existing pole 5 Andrews St to existing manhole 3-3 on Markley Data center property roughly 50 feet crossing through public way. The location begins approximately 140 feet north of the centerline of the intersection of Andrews St and Bourne St and continues approximately 75 feet in a westerly direction.

Location approximately as shown on plan attached

NATIONAL GRID  
BY   
Engineering Department

Dated: September 5, 2018

City

ORDERED:

Notice having been given and public hearing held, as provided by law, that the NATIONAL GRID be and it is hereby granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as said company may deem necessary, in the public way or ways hereinafter referred to, and to make the necessary house connections along said extensions, as requested in petition with said company dated the 5th day of September 2018.

Said underground electric conduits shall be located substantially in accordance with the plan filed herewith marked –Andrews St-Lowell Massachusetts

The following are the public ways or part of ways along which the underground electric conduits above referred to may be laid:

**25081114** Andrews St- National Grid to install 2-6" PVC Conduits from existing pole 5 Andrews St to existing manhole 3-3 on Markley Data center property roughly 50 feet crossing through public way. The location begins approximately 140 feet north of the centerline of the intersection of Andrews St and Bourne St and continues approximately 75 feet in a westerly direction.

I hereby certify that the foregoing order was adopted at a meeting of the .....  
.....  
....., held on the ..... day of ....., 20 .....

....., ..... 20 .....

Received and entered in the records of location orders of the City/Town of  
Book ..... Page .....

Attest:  
.....

..... hereby certify that on .....20....., at ..... o'clock, ....M

at ....., a public hearing was held on the petition of NATIONAL GRID for permission to construct the underground electric conduits described in the order herewith recorded, and that I 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 Company is permitted to construct the underground electric conduits under said order. And that thereupon said order was duly adopted.

.....  
.....  
.....

Electric

ORDERED:

Notice having been given and public hearing held, as provided by law, that the NATIONAL GRID be and it is hereby granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as said company may deem necessary, in the public way or ways hereinafter referred to, and to make the necessary house connections along said extensions, as requested in petition with said company dated the 5th day of September 2018.

Said underground electric conduits shall be located substantially in accordance with the plan filed herewith marked –Andrews St-Lowell Massachusetts

The following are the public ways or part of ways along which the underground electric conduits above referred to may be laid:

**25081114** Andrews St- National Grid to install 2-6" PVC Conduits from existing pole 5 Andrews St to existing manhole 3-3 on Markley Data center property roughly 50 feet crossing through public way. The location begins approximately 140 feet north of the centerline of the intersection of Andrews St and Bourne St and continues approximately 75 feet in a westerly direction.

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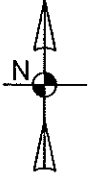
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.....

..... hereby certify that on .....20....., at ..... o'clock, ....M



at ....., a public hearing was held on the petition of NATIONAL GRID for permission to construct the underground electric conduits described in the order herewith recorded, and that I 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 Company is permitted to construct the underground electric conduits under said order. And that thereupon said order was duly adopted.

.....  
.....  
.....



Property Address  
 685 Lawrence St  
 Diamond Business LLC  
 P.O. Box 8747  
 Lowell, MA 01852  
 LS\_Book 21776 LS\_Page 179

One parcel with multiple condo owners

25 Anderws St #25  
 Matthew Macintosh  
 LS\_Book 22410 LS\_Page 112

27 Anderws St #27  
 Jeffrey Vance  
 LS\_Book 22274 LS\_Page 127

29 Anderws St #29  
 Chad Bantjes  
 LS\_Book 21824 LS\_Page 270

31 Anderws St #31  
 Jessica Kelly  
 LS\_Book 21777 LS\_Page 91

33 Anderws St #33  
 Lakeisha Phelps  
 LS\_Book 21820 LS\_Page 31

35 Anderws St #35  
 Richard Southworth  
 LS\_Book 21832 LS\_Page 162

One parcel with multiple condo owners

Property Address  
 40-40 Andrews St  
 TRS 40 Andrews Street Realty Trust  
 244 Fairmont St  
 Lowell, MA 01852  
 LS\_Book 21504 LS\_Page 170

40 Andrews St  
 Unit A  
 Marjorie Nundwe  
 LS\_Book 21504 LS\_Page 185

40 Andrews St  
 Unit B  
 Catherine Mburu  
 LS\_Book 21538 LS\_Page 116

40 Andrews St  
 Unit C  
 Joseph Sexton III  
 LS\_Book 21521 LS\_Page 194

40 Andrews St  
 Unit D  
 Penelope Bruce  
 LS\_Book 22773 LS\_Page 114

40 Andrews St  
 Unit E  
 Antonio Cavalcanti  
 LS\_Book 21460 LS\_Page 230

40 Andrews St  
 Unit F  
 Margaret Dorzin  
 LS\_Book 21250 LS\_Page 134

Property Address  
 2 Prince Ave  
 Prince Avenue Associates LLC  
 P.O. Box 498  
 Tyngsboro, MA 01879  
 LS\_Book 11186 LS\_Page 289

MH 3-3



25'

50'

Property Address  
 48 Andrews St  
 Citywide Properties LLC  
 11 Alfred Dr  
 Dracut, MA 01826  
 LS\_Book 26759 LS\_Page 246

Property Address  
 48.1 Andrews St  
 Citywide Properties LLC  
 11 Alfred Dr  
 Dracut, MA 01826  
 LS\_Book 26779 LS\_Page 40

Property Address  
 100 Bourne St  
 Corklin, Salina A  
 102 Bourne St  
 Lowell, MA 01852  
 LS\_Book 23174 LS\_Page 20

Property Address  
 49 Andrews St  
 Huon Lim  
 1 Parham Rd Unit 2  
 Tyngsboro, MA 01879  
 LS\_Book 27398 LS\_Page 92

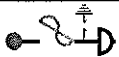
Property Address  
 54 Andrews St  
 Saïta Martinez  
 54 Andrews St  
 Lowell, MA 01852  
 LS\_Book 23673 LS\_Page 131

Property Address  
 50 Andrews St  
 Neponset Investments LLC  
 546 E. Broadway  
 Boston, MA 02127  
 LS\_Book 26975 LS\_Page 122

Andrews St

Sidewalk

**UNDERGROUND PETITION**



Urd Pole



3-Phase Pad



Manhole



Xfmr Foundation



Pull Box



Primary Ug Wire



Hand Hole



Secondary Ug Wire



Street Light Wire



Single Phase Pad



Service Arrow

**nationalgrid**

Date: 08/23/2018

Plan Number: 25081114

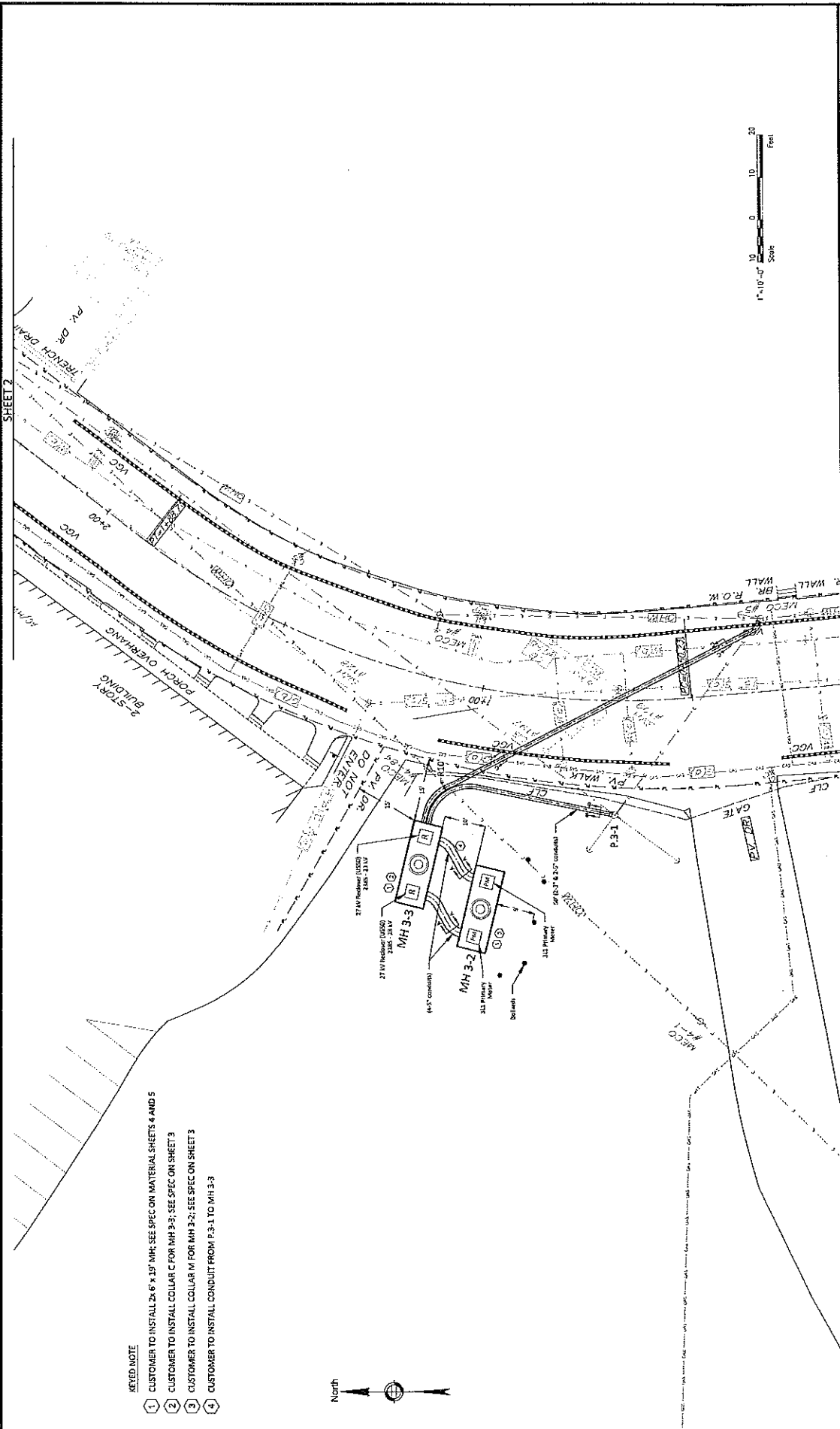
To Accompany Petition Dated:

To The: City Of Lowell

For Proposed: conduit section Location: Andrews St

Date Of Original Grant:

DISTANCES ARE APPROXIMATE



- KEYED NOTE**
- 1 CUSTOMER TO INSTALL 2x6 x 19" MPH; SEE SPEC ON MATERIAL SHEETS 4 AND 5
  - 2 CUSTOMER TO INSTALL COLLAR C FOR MH 3-3; SEE SPEC ON SHEET 3
  - 3 CUSTOMER TO INSTALL COLLAR M FOR MH 3-2; SEE SPEC ON SHEET 3
  - 4 CUSTOMER TO INSTALL CONDUIT FROM P.3-1 TO MH 3-3

		DATE: 04/25/2017 SHEET: 1 OF 5 PAPER SIZE: ARCH D-24 x 36 DRAWING NUMBER: WRF TBD
ISSUED FOR REVIEW AND COMMENT NOT CONSTRUCTION DOCUMENT		PROJECT: 04252017 CLIENT: Prince Ave 311 Cooperator LOCATION: LOWELL, MA PROJECT: Proposed Civil Plan DRAWING NUMBER: WRF TBD
REV	DATE	DESCRIPTION
DESIGNED	BB	
DRAWN	ZAWAN	
APPROVED	BB	
	PG	

