# CITY OF CAMBRIDGE <br> POLE AND CONDUIT COMMISSION 

IN RE: POLE AND CONDUIT COMMISSION MEETING

## POLE AND CONDUIT BOARD MEMBERS:

WILLIAM DWYER, SUPERINTENDENT OF STREETS
STEPHEN LENKAUSKAS, DEPUTY CITY ELECTRICIAN
STAFF: EXECUTIVE DIRECTOR ELIZABETH LINT

AT: Michael J. Lombardi
Municipal Building
831 Massachusetts Avenue
Basement Conference Room
Cambridge, Massachusetts 02139
DATE: Thursday, August 20, 2015
TIME: 10:26 a.m.
$\qquad$ REPORTERS, INC.
CAPTURING THE OFFICIAL RECORD 617.786.7783/www.reportersinc.com

## INDEX OF AGENDA PROCEEDINGS

PAGE AGENDA MATTERS
PETITION (CONTINUED)
NSTAR - ALBANY STREET5
PETITION (CONTINUED)
NSTAR - AMES STREET ..... 7/40
NEW PETITION
NSTAR - MAIN STREET ..... 22
NEW PETITION
NSTAR - HARVARD STREET ..... 24
NEW PETITION
NSTAR - FAYERWEATHER STREET ..... 26
NEW PETITION
NSTAR - FRANKLIN STREET ..... 28
NEW PETITION
NSTAR - FOSTER STREET ..... 30
NEW PETITION
NSTAR - COLUMBUS AVENUE ..... 32
PETITION (CONTINUED)
COMCAST - 55 CAMBRIDGE PARKWAY ..... 33
NEW PETITIONCOMCAST - 17-41 BRATTLE STREET34
NEW PETITION
COMCAST -- 49 BRATTLE STREET ..... 36
SECOND PETITION
EVERSOURCE - 4 CAMBRIDGE CENTER ..... 42

## INDEX OF AGENDA PROCEEDINGS

AGENDA MATTERS PAGE
NEW PETITION
CAMBRIDGE HOUSING AUTHORITY131 WASHINGTON STREET44
NEW PETITION
MIT - 7 CAMBRIDGE CENTER ..... 53
PETITION (CONTINUED) CROWN CASTLE - CROSS STREET ..... 54
SECOND PETITION
CROWN CASTLE - FLAGG STREET ..... 58
SECOND PETITION
CROWN CASTLE - BANKS STREET ..... 60
SECOND PETITION
CROWN CASTLE - GRANT STREET ..... 65
SECOND PETITION
CROWN CASTLE - DCR CONNECTION ..... 66
SECOND PETITION
CROWN CASTLE - THIRD STREET ..... 70
SECOND PETITION
CROWN CASTLE - THIRD STREET ..... 72
NEW PETITION
CROWN CASTLE - GARDNER STREET ..... 77
NEW PETITION
CROWN CASTLE - CAMBRIDGE STREET ..... 79

## INDEX OF AGENDA PROCEEDINGS

AGENDA MATTERS PAGE
THIRD PETITION
VERIZON - WILLOW STREET ..... 82
NEW PETITION
VERIZON - AMES STREET ..... 85
NEW PETITION
VERIZON - CAMBRIDGEPARK DRIVE ..... 89
NEW PETITIONVERIZON - ALLEN STREET91
NEW PETITIONVERIZON - CAMBRIDGE TERRACE102

> PROCEEDINGS

THURSDAY, AUGUST 20, 2015
POLE AND CONDUIT COMMISSION MEETING

## EXECUTIVE DIRECTOR ELIZABETH LINT: Good

morning. We apologize for the delay. This is
meeting of the Pole and Conduit Commission
Thursday, August 20, 2015. It is 10:21 a.m.
Before you are the Commissioners: Bill
Dwyer and Steve Lenkauskas.
First matter is NSTAR.
CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: I make a motion to approve the minutes from the July 16th hearing.

EXECUTIVE DIRECTOR ELIZABETH LINT: Thank
you.
CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: On the motion?

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11

those in favor?

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

Do we have any residents that want to speak on any particular petition? If you want to step forward, state your residence. Come forward and state your name for the record and what you're talking about.

JOHN GREENUP: I'm the attorney for the Fisher Group matter that's going to come up. It's fifth on the agenda.

We are here to support the petition for underground electrical service and happy to
answer any questions that the Commission feels is appropriate.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay. We'11 be hearing NSTAR first, so that will be right along. So we'11 stay in order. I think the other ones will move fairly quickly.

PETITION CONTINUED:
NSTAR - ALBANY STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Okay. First petition is for Albany Street. This is continued from April 16. JACQUI DUFFY: We want to continue it again.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: Was there any progress at all?

JACQUI DUFFY: No. We are still waiting
for the company.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Okay. Since April 16 --

JACQUI DUFFY: I know. Can we stil1
continue it one more month?

SUPERINTENDENT OF STREETS WILLIAM DWYER:

It has been four months. We should take
it off the agenda and reapply or whatever.

JACQUI DUFFY: Okay.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to deny.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Second.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

PETITION (CONTINUED):
NSTAR - AMES STREET

CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: The second one is for Ames Street which has also been continued since May. I believe this is a larger scope of a project for the street for some developments going on on Ames Street.

Is there someone --
JOSEPH ALBANI: We're the proponent on
the project.
CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: State your name.
JOSEPH ALBANI: Joe Albani with VHB.
THE REPORTER: State your name and spell your first and last name.

JOSEPH ALBANI: Sure. Joseph Albani.
Joseph, J-O-S-E-P-H, Albani, A-L-B-A-N-I.
BEN LAVERY: Ben Lavery, B-E-N, Lavery,
L-A-V-E-R-Y, with Boston Properties.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Okay. VHB, are you on the entire infrastructure
move out there?

## JOSEPH ALBANI: Correct.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I believe we have other petitions this morning in regards to that whole street.

JOSEPH ALBANI: Two other petitions, yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Have they met with -- meeting with Public Works, and how far along is the project, as far as the total scope of all the utilities?

JOSEPH ALBANI: We have been meeting with Cambridge DPW and Jim Wilcox. Over the last few months, we had a meeting with them after the last Pole and Conduit hearing where we were denied, and got him onboard with our sewer relocation which I believe was his main concern with this project, gave him a profile and cross-sections, and he gave our support to move forward with this project and move forward with the utility
reallocations.

We're currently coordinating the utility
reallocations which is why we're here today, and we would like to get that work done this fall to the greatest extent possible before the moratorium.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: The coordination is still ongoing?

JOSEPH ALBANI: For everything but the gas relocation that we're doing. We already have a contractor ready to go, to relocate the Eversource gasline that's in Ames Street. CITY ELECTRICIAN STEPHEN LENKAUSKAS: It
seems there's still some work to be done with other communication companies?

BEN LAVERY: Yes. Ben Lavery, Boston Properties.

To add a little more to that, we have had numerous meetings with the DPW. There was -- a
sewer alignment location was adjusted. I think, as Joe was saying, there was agreement on where that should take place.

There are a number of utility activities that are smaller in nature. This being one of them, the Verizon relocation, and then the gas work that Joe spoke of.

Those are activities that will help relocate those services out of the building footprint and land that Boston Properties closed on as part of a land disposition agreement of Thursday of last week following City Council approval on the 10 th for that to take place.

So there are a number of services coming out of the footprint, but the general alignment is done, the coordination, as it relates to some of the finite locations of existing utilities in the streets, I think that's still ongoing.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

I haven't heard anything from Jim Wilcox yet
officially, so I don't think we can move -- I
don't think we can move forward with that until I get that word from the city engineer.

JOSEPH ALBANI: We had a conversation
with him the week after the last Pole and Conduit hearing, and he said he would support this
project, and again three weeks ago, when we met with him, for another project, I pulled him aside and had this conversation with him.

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

I don't know if everything has been -- to my
knowledge, everything hasn't been put to bed or
dotted the Is and crossed the Ts, and I haven't had a conversation about this particular project with him this week, so I don't have any final word on that as far as approval goes.

Unfortunately, I think we may have to --
BEN LAVERY: Is there a way we could move
to revolve that even this morning, if I can get him to call? I think we touched base a couple times and thought we were in a good place with him.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

This is in regard to the NSTAR conduits which we're hearing right now, but $I$ believe we have -we need to -- there's a petition in here for MIT and also Verizon coming up also, and I don't know if those are finalized.

I think we would like to see the whole package so things -- if things need to be moved around or realigned, Bill can just -- I think if one or another continuation for one month to get everybody, including Verizon and MIT -- I'm not sure if Comcast has any desire to be on that street also.

BEN LAVERY: We have Comcast served
through other places in the block, if you will,
without coming in from the street, so that one is satisfied.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay.
BEN LAVERY: Is it worth taking a look at the overall plan and --

JOSEPH ALBANI: Would you like us to walk through the plan?

CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Sure. Is that the only copy you have?
BEN LAVERY: No.
JOSEPH ALBANI: Here. So the first
relocation happen is the four, five-inch electric for NSTAR, which is coming from manhole in Ames Street and serving our temporary electric and our construction electric, and it's about a 140-foot run that turns onto our site, which we're going to cap as part of the work this fall, which we
will then use throughout construction and in a
temporary condition for Cambridge Center.
BEN LAVERY: Just to be -- state some sort've the basic pieces, that transformer exists behind a serpentine wall roughly in this
location. Do you see where I'm pointing? You're familiar with that?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
BEN LAVERY: It will be temporarily
relocated out onto the street and sidewalk and then it will go back into the building. That transformer serves portions of the garage, but also the 4 Cambridge Center building.

JOSEPH ALBANI: Our next relocation would be the Verizon conduit. There's a manhole that's currently within the building footprint which we'11 be moving out into the middle of Ames

Street and we will be relocating all the
associated conduit, reconnecting to the existing
manholes in the private alley and on Broadway at the corner of Broadway and Ames Street, and that's a petition we'll discuss later. But it's a relocation of the existing utilities with a connection to the relocation to the 4 Cambridge Center building along with a connection to the proposed Ames Street residential building.

And we're also proposing four, 4-inch MIT
Fiberite, fiberoptic conduit which will be used to serve public Wi-Fi. I believe Google initiated this project. We will be pulling from 5 Cambridge Center through the Ames Street building to for Cambridge Center eventually. It's farther down than Cambridge Center. We're going to be sharing the trench with telecom and electric for a small portion for all of these utilities to minimize point the scope in the street and minimize how much work needs to be done in a public way.

In a separate location is a ten-inch
gasline, which runs through our building
footprint, and that's fully coordinated with
Eversource Gas, and they're moving forward with the work.

We have had numerous meetings between
these three utilities to confirm that these alignments work with everyone.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: You say Comcast is within this dig also or...?

ANTHONY VATALARO: We're already in
Building 4. We're going to serve from the garage.

BEN LAVERY: We can come in through the garage through the back of the new residential building easily.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Again, I haven't got word from Jim Wilcox as far as all the legalese being all set. So as of this
morning, I haven't heard anything from him, so...
And they asked to make sure you had everything in place, which sounds like you're getting there, but -- before we submit our approval here.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Also there's city street lighting and pedestrian lighting along that sidewalk that will need to be relocated also.

BEN LAVERY: As part of that land disposition, it's up to us to reconstruct that side of the street and replace all that lighting.

And it will be consistent with the design
approved by the Planning Board on March 24, and that's all well-documented in terms of what those requirements are.

JOSEPH ALBANI: That design is included
in our building package. This is a separate early utility relocation package.

BEN LAVERY: Are there any specific
concerns other than confirming that we have Jim Wilcox's approval?

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Not so much Jim Wilcox. There's a legal
agreement between the city and Boston Properties.
BEN LAVERY: Yes.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
I'm not total privy to, but all -- that
information needs to be forwarded to me from the city engineer also. I haven't received that word yet so...

BEN LAVERY: Well, the land disposition agreement provided for a discontinuance pl an and that discontinuance plan was provided to Jim about two weeks ago, and that's the document that was formally approved by the City Council on Monday, August 10. That legal description of the metes and bounds and so forth has been reviewed
and approved.
Other conditions for the reconstruction
of the street are, you know, well-documented in
that disposition agreement for the land itself.

And also reflected in the special permit
documentation that will be in the building permit
submission plans which should go into the

Building Department in the middle of September.
So the documentation is pretty good on
the scope of work required as per that agreement.

Initially, we had met and reviewed the
realignment with Kathy and Jim's input. So at
some point we feel it's consistent with what
they're looking for in terms of the alignment in
the street as well as with the utilities.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Unti1 $I$ can confirm that, $I$ guess I'd have to move to...

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to continue?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes. And then move forward at that point. CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay. A motion's been made to continue.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
I second that.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
NEW PETITION:
NSTAR - MAIN STREET

CITY ELECTRICIAN STEPHEN LENKAUSKAS: For
NSTAR or Eversource for Main Street at and southwesterly from Windsor Street at Pole 737/14-S, a distance of about 15 feet of conduit.

This work is necessary to supply service for Crown Castle.

That's a new guy stub for Crown Castle? JACQUI DUFFY: Yes.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
don't have any issues with this.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

I don't seem to have a copy of it.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to approve?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

EXECUTIVE DIRECTOR ELIZABETH LINT:

Conditions?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11

typical conditions, site meeting with DPW and permits.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
The SPOF too.

NEW PETITION
NSTAR - HARVARD STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Harvard Street, at and westerly from Davis Street at manhole 1063, a distance of about 179 feet of conduit. This work is necessary to supply power to 131 Harvard Street.

JACQUI DUFFY: For new services via
transformer on the property.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: No
room to come out of the manhole right in front on the sidewalk there?

JACQUI DUFFY: No.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
don't have any issues with this.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
You need to run -- you need to run this conduit for what reason?

JACQUI DUFFY: 131. We're going from
1063 down the street.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
That's the best corridor you could find?
JACQUI DUFFY: Yeah.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Move forward.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to approve?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes. All typical conditions? SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

NEW PETITION
NSTAR - FAYERWEATHER STREET

CITY ELECTRICIAN STEPHEN LENKAUSKAS: For
Fayerweather Street. Fayerweather Street at and westerly at Reservoir Street at Pole 255/11, a distance of 51 feet of conduit. This work is necessary to supply service to 37 Fayerweather Street. Is this to put cable on the ground? JOHN GREENUP: Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Have you contacted any of the Verizon or Comcast or any overhead wires looking to remove?

JOHN GREENUP: We're going to run -- the
intent it to run three tubes, one for Comcast and
one for Verizon and NSTAR. And we put calls into Comcast and to Verizon, but we haven't heard back from them yet.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

They're here today, so you can make contact with them. They may not want to go to that particular pole, and they will need to petition also.

So insofar as the -- I don't have any
issues with the electric portion, but Comcast, you need to make contact with them.

JOHN GREENUP: Okay. I'11 work with them immediately to make that happen.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: So
I move to approve this petition for the electric.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
I second that.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
JOHN GREENUP: Thank you.
EXECUTIVE DIRECTOR ELIZABETH LINT: Al1
conditions?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
A11 typical conditions.
NEW PETITION
NSTAR - FRANKLIN STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Next petition is for Franklin Street. Southerly
from Pole 283/68 approximately 238 feet east of
Putnam Avenue, a distance of about five feet of conduit. This work is necessary to supply power to 588 Franklin Street. JACQUI DUFFY: Yeah. CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Crown Castle is also petitioning to put this pole
as their equipment on it. Are they proposing to put a transformer on that pole also or going straight in?

JACQUI DUFFY: For?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: For
this particular property at 588.
JACQUI DUFFY: Are we putting a
transformer in? No.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

That was for one conduit?

JACQUI DUFFY: Uh-huh.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
don't have any issue there.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Pretty routine.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to approve?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Yes. Typical conditions.
EXECUTIVE DIRECTOR ELIZABETH LINT: Got
to get it on the record.
NEW PETITION
NSTAR - FOSTER STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Foster Street. Easterly from Pole 274/11
approximately 60 feet west of Sparks Street, a distance of 41 feet of conduit. This work is necessary to supply power for water sampling station.

Did they submit to you a diagram of what the actual size of the equipment going in the sidewalk?

JACQUI DUFFY: No. I may have one back at the office, but I only have the sketch they gave me.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay.
JACQUI DUFFY: Do you want me to check and send that?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
would like to move to continue this so we can get a better picture of it. That sidewalk is narrow there, so just in case it needs to be moved. JACQUI DUFFY: I'11 send it to you. CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Send it to me and the whole Commission. So on the motion to continue? SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
NEW PETITION
NSTAR - COLUMBUS AVENUE

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Next petition is Eversource for
Columbus Ave. At and westerly from Harrison Avenue at Pole 167/8, a distance of about 39 feet of conduit.

I move to continue this also. This is also for --

JACQUI DUFFY: Resident concerns on that one.

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: We have a resident concern that contacted us, so move to continue.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes. Thank you.
PETITION (CONTINUED)
COMCAST - 55 CAMBRIDGE PARKWAY

CITY ELECTRICIAN COMMISSIONER STEPHEN
LENKAUSKAS: Comcast.
ANTHONY VATALARO: Good morning.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

This first petition was continued from the July 16 hearing.

ANTHONY VATALARO: We're still waiting
for the permit from MWRA.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: 55

Cambridge Parkway, we'11 move to continue.

ANTHONY VATALARO: Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: On
the motion?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: Al1
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
NEW PETITION
COMCAST - 17-41 BRATTLE STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Second one is for 17-41 Brattle
Street. From existing Comcast manhole in front of 44 Brattle Street, trench 115 easterly in the public way ending at the property line of 41 Brattle Street, installing one, 4-inch conduit.

This will include the removal and restoration of the brick sidewalks.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Anthony, do you have a plan of that by chance?
ANTHONY VATALARO: I do.
(Forwarding plan.)
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
don't have any issues with this.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
I was just checking to -- we can move ahead with this. We just need to double check. I'm not --

I don't have an exact date on when the street was paved. Maybe within the last seven years? I don't know whether it was the last five.

We just need to double-check on that,
which would come under the SPOF regulations anyway.

Other than being a guaranteed street, I
don't have any other issues.

We can move to approve this and just have the regular conditions -- the usual conditions we have. It may be a guaranteed street and Comcast will take the necessary steps.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Second that.
All those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
NEW PETITION
COMCAST -- 49 BRATTLE STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Comcast, 49 Brattle Street. Place new Comcast manhole over existing UG conduit in front of 51 Brattle Street, trenching 70 feet easterly in the pubic way ending at the property line of 49 Brattle, installing one 4 -inch
conduit. This will include the removal and replacement of two sidewalk panels.

This is a similar location.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Uh-huh.

ANTHONY VATALARO: So, Steve, according to this, according to the Dig Safe marks, the conduit may not be placed where this manhole is shown or the new manhole. So I can locate that conduit for you. And if I need to move this manhole, I can revise this drawing.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay. So the revision would be a shorter distance and closer to that building if the conduit is in line with that building?

ANTHONY VATALARO: I believe the conduit
is here.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Where the markings are.

ANTHONY VATALARO: Where this drawing is.

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Okay.
ANTHONY VATALARO: So I would need to locate it.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
They can do a test pit out there and determine that.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
move to approve it pending the exact location to be verified in the field before any DPW meeting so we get that out of the way.

And if there's anything altered to what you submitted, it will need to be submitted to us for the record.

ANTHONY VATALARO: Revised?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Revised, yes.
On the motion to approve?

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.
EXECUTIVE DIRECTOR ELIZABETH LINT: What
are you looking for?
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
We're looking for the exact location of the conduit in the field to be verified prior to any meetings with DPW. And if there's anything altered from the original request, it would need to be submitted. And all other conditions similar to the previous petition.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Okay.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Thank you.
ANTHONY VATALARO: Thank you.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: Did we vote on that?

EXECUTIVE DIRECTOR ELIZABETH LINT: You
did.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: On
the motion?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
PETITION (CONTINUED) NSTAR - AMES STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Can we have the Ames Street petition recalled for Boston Properties for Ames Street?

SUPERINTENDENT OF STREETS WILLIAM DWYER:
The new information has just come about thanks to modern technology.

So DPW and the city engineer has approved the plan. I apologize for not keeping up --

BEN LAVERY: Glad to hear that.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
-- with my colleagues here in the engineering division. So everything is in order.

What I'm hearing from the city engineer, as far as the relocation plans and things, is to move ahead.

I forget if you had any questions or thoughts?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: No, I don't.

So Liz, so we need to, on the second petition for Ames Street, we previously made a motion that it was approved to continue.

EXECUTIVE DIRECTOR ELIZABETH LINT: You
want to withdraw?
CITY ELECTRICIAN STEPHEN LENKAUSKAS: We
would like to withdraw that vote to continue.
So on that motion?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
PETITION (SECOND):
EVERSOURCE - 4 CAMBRIDGE CENTER

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: So this was a -- this was the second petition for Eversource. So at northeasterly approximately 140 feet south of Broadway from manhole 23/43, a distance of 130 feet of conduit.

This is to provide electric service to 4
Cambridge Center.

On that petition for Eversource, I make a
motion to approve.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
So we'll have to notify Jackie from
Eversource. She's left under the assumption it was continued.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
The meter is running out probably.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay.
BEN LAVERY: Thank you very much for
bringing that back.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Thank you.
NEW PETITION
CAMBRIDGE HOUSING AUTHORITY - 131 WASHINGTON STREET

CITY ELECTRICIAN COMMISSIONER STEPHEN
LENKAUSKAS: Cambridge Housing Authority.
GARRETT ANDERSON: We're not often in
front of you.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
This is for Washington Street approximately 25
feet easterly from manhole 7735 from DMH.
What is DMH?
GARRETT ANDERSON: It's on the survey.
It's where the manhole is. That's how we -- we weren't able to --

CITY ELECTRICIAN STEPHEN LENKAUSKAS: At
131 Washington Street adjacent to utility pole NYNEX -- it says NYNEX, but I believe that's a Verizon pole, 23 -- a distance of 40 feet of
conduit. The reason for this work is to connect new fire alarm system to street master box circuit and connect fire alarm and security system to management interface at 131 Washington Street.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Do you have an extra copy?
TIM MULLEN: Sure.
GARRETT ANDERSON: That's the --
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Do you have a plan.
GARRETT ANDERSON: Here.
(Forwarding.)
TIM MULLEN: There's the trench detail as
well, if you need the trench detail.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: So
you have one spare and this is going between
Newtowne Court and Washington?
TIM MULLEN: From Building B which is the
address basically a stair haul over there, we have five conduits coming out. One going to the pole for the master box and four are going in the science center. We have four total conduits crossing Washington.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay.
TIM MULLEN: They're all two-inch.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: You
have a dedicated -- is there a dedicated -- is
one dedicated for the city fire alarm system?
TIM MULLEN: Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

There would be a second master box on the building?

TIM MULLEN: What happens is that feeds
the master box that was relocated into the center of the project at one of the trash houses per the Fire Department. That -- the other conduit that
goes into the Bersani Center is for the enunciator for that building.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: So
one of the conduit is dedicated for the municipal circuit?

GARRETT ANDERSON: Correct.
CITY ELECTRICIAN COMMISSIONER STEPHEN
LENKAUSKAS: And the other is dedicated for the buildings itself?

TIM MULLEN: Yes.
GARRETT ANDERSON: In discussions with
Cambridge Fire Department and design, they like to come up Washington Street and go to the management office, so the enunciators for both sites are at that management office. So the -they can look in through the lobby window at any time and see where the alarm is either on Washington or Newtowne Court.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: Is
that where the master box will typically be located?

TIM MULLEN: Yes.

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Typically they would want it where the enunciator is.

TIM MULLEN: The master box was
originally located there, and through the
approval through the Fire Department and the electrical engineer, it was put at a more central
location of the Newtowne Court site which is at
Trash House 2. It was approved to be installed per the Fire Department.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:
That was approved by the Fire Department?
TIM MULLEN: Correct.

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: So you need a dedicated conduit from that master box?

TIM MULLEN: Which is there. All the electrical infrastructure for the fire alarm is on site and inspected and approved. Our last crossing right now is this infrastructure of the pole, so we'11 be actually able to dial the Fire Department.

GARRETT ANDERSON: There's a master box at the Business Center, but it's for Washington E1m.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: Is that remaining?

GARRETT ANDERSON: Yes.
CITY ELECTRICIAN COMMISSIONER STEPHEN
LENKAUSKAS: So that two inches is turning up a pole?

TIM MULLEN: Correct.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

That's Pole 23?
GARRETT ANDERSON: Yep.

TIM MULLEN: Yep.

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Here you go. Your detail sheet doesn't show the crossing. How are you gonna patch the street up, pave the street? I didn't notice that. You will be using DPW's specs. To do that when the time comes to get your permit from Public Works because once you get it -- once you need to cross those sidewalks or streets, you will need to have a permit from actually from both departments.

So Public Works is okay with moving ahead on this petition and move to go ahead with typical conditions, we're fine with that.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:
I'11 ask for a second.
I just have one other question. So the spare, is it designated for anything in particular?
think there's another petition on the agenda
regarding some fiber coming into Washington Elms for the future. That spare will 1ikely be used for that because they want to distribute those public Wi-Fi access points on both sites. That would be their way of then coming from the Business Center back into the Newtowne Court and putting in those public access points. CITY ELECTRICIAN STEPHEN LENKAUSKAS: So the municipal circuit in there only goes up the pole?

GARRETT ANDERSON: Correct.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: We would like to request an additional spare to go between the buildings with the others. So you have a spare municipal conduit, two-inch, so it will be a total of five.

GARRETT ANDERSON: Going all the way
across the street.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes, from building to building as you are with the -- just them a terminator on both sides.

GARRETT ANDERSON: Okay. An additional two-inch?

CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Additional two-inch.
Motion to approve with the addition of a two-inch.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Yes.
NEW PETITION
MIT - 7 CAMBRIDGE CENTER

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

MIT.
This is MIT. From the basement of 7
Cambridge Center on the east side up Ames Street to the north and terminating at the proposed ASR building extents. This conduit is part of an easterly utility package for relocating utilities
in Ames Street for the construction of the new Ames Street residences.

This all seems in order and in line with the other utilities.

I make a motion to approve.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Pending all typical conditions and meeting with
DPW on the motion to approve?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
PETITION (CONTINUED)
CROWN CASTLE - CROSS STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Crown Castle.
KOSTA JOVANOVIC: Good morning.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Good morning.
The first petition is continued from the
May 26th hearing for Cross Street, an extension on Verizon leased conduit from manhole 26/36 on Albany Street to Verizon manhole 26/36a, then rising on an untagged pole, proceeding aerial to and ending at the untagged pole at the
intersection of Albany and Cross Street, with attachment of equipment on that untagged pole (Node N017).

Do you know what that untagged pole number is?

KOSTA JOVANOVIC: The pole with the equipment? The riser pole?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: The riser pole would be 23. Do we have a pole number for the one at Cross Street?

KOSTA JOVANOVIC: I have it marked as untagged.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

They're requesting to eliminate the city shadow on that one.

KOSTA JOVANOVIC: Because the number
of -- there are four existing risers on Pole 23.
Verizon will allow us to the fifth.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay.
KOSTA JOVANOVIC: The conduit piece is just a seven-foot break-out from manhole to the pole.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: If
the city need be, could there be inner duct
installed in there?
KOSTA JOVANOVIC: Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Could you include an inner duct for the city?
EXECUTIVE DIRECTOR ELIZABETH LINT: Inner duct?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes, inner duct.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Is the untagged pole just what is -- no label on it?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: It
has to have a number to it. I think we -- I make
a motion to approve pending submitting the actual pole number.

KOSTA JOVANOVIC: I have that photograph on it, but...

CITY ELECTRICIAN STEPHEN LENKAUSKAS: But
each -- if you need to -- you need to be
1icensed.
KOSTA JOVANOVIC: Pull it from the
1icense?
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Pull it from the license? We can't -- it would be pending approval -- approval pending the identification of that untagged pole at the corner of Cross and Albany Street.

KOSTA JOVANOVIC: I could provide that to
Ms. Lint?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes, to Liz.
EXECUTIVE DIRECTOR ELIZABETH LINT: And

Dana.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to approve?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
SECOND PETITION
CROWN CASTLE - FLAGG STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: Second petition is for Flagg Street,
an extension of the existing fiberoptic network starting at pole $283 / 68$ in new conduit northwesterly along Franklin Street, then south on Putnam Avenue, then west to Pole 215/2 on

Flagg Street, plus or minus 686 feet, with the installation of equipment on Pole 215/2 known as Node N030.

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Public Works -- Crown Castle has done their due diligence with several of these submissions, and this is one of them. And we have no issue, as far as not moving forward with this.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: I

don't either. So I make a motion to approve. SUPERINTENDENT OF STREETS WILLIAM DWYER:

I will -- I guess I want to make just one note to Kosta. Bring back to your office and the folks that work in the field that there's still a lot of work going on with the school on Putnam Avenue and they need to be cognizant of that and work with -- in coordinating with the contractor working on Putnam Avenue associated with that school project. Other than that, we're good to
go.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to approve?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: Al1
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

SECOND PETITION
CROWN CASTLE - BANKS STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Banks Street, installation of new aerial fiber cable beginning at Node NO30, continuing west on Flagg Street, then north on Banks Street to the untagged pole at the intersection of Banks Street and Mass Ave known as Node N031.

Banks doesn't intersect with Mass Ave. I believe that should be Mt. Auburn Street.

This is all aerial?

KOSTA JOVANOVIC: This is all aerial, yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Have notifications been made properly to the people on Mt. Auburn Street?

KOSTA JOVANOVIC: We just approved 30 , which is the dig portion and then we're coming up here to 45 and 31. I have it as Grant Street coming up Banks and going west on Grant.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: The question is, it's not at Mass Ave, though, it's at Mt. Auburn Street. Banks doesn't extend out to Mass Ave.

KOSTA JOVANOVIC: I see your point.
EXECUTIVE DIRECTOR ELIZABETH LINT: It's
hard to say because most of these owners are not

1ocal.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: It
would have been passing through that section anyways.

KOSTA JOVANOVIC: I've got abutters from Mt. Pleasant Street, Banks Street, Banks Street. I think we notified 13 abutters -- no, 31 .

EXECUTIVE DIRECTOR ELIZABETH LINT: This may be out of order.

KOSTA JOVANOVIC: Oh, I know what it is.
We're up here (indicating).
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Where N031 is that's Banks and Mt. Auburn?
KOSTA JOVANOVIC: I see where it turns.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
just caught that myself, otherwise, I would have given you a call.

KOSTA JOVANOVIC: We did notify everybody
on Banks Street.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: But not on Mt. Auburn?

KOSTA JOVANOVIC: Right up to the corner. CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
make a motion to continue pending notification to abutters in that area of Mt. Auburn Street.

KOSTA JOVANOVIC: Uh-huh.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: Of
that Node.
KOSTA JOVANOVIC: When I do the abutters, typically when I get to an intersection, I mark all four of them, and use those labels, whether the street would have said Massachusetts or Mt. Auburn, I would have clicked it.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: If you can verify -- if you can tell us that you notified the abutters on Mt. Auburn Street, we can approve it pending --

KOSTA JOVANOVIC: If they're on that

1ist.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: If
they're on that list. If you can tell us that the abutters were notified.

KOSTA JOVANOVIC: I can do that.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Make a motion to approve --
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Uh-huh.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: --
pending verification that the abutters on
Mt. Auburn Street were notified.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

## EXECUTIVE DIRECTOR ELIZABETH LINT:

That's for N031?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

N031 Banks Street.

SECOND PETITION
CROWN CASTLE - GRANT STREET

CITY ELECTRICIAN STEPHEN LENKAUSKAS: For
Grant Street, an extension of aerial fiberoptic cable beginning at Pole $48 / 10$ on Banks Street northwesterly to Pole 308/10 with installation of equipment on Pole 308/10 known as Node N045.

That's all aerial also.
KOSTA JOVANOVIC: Where we branch off.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
make a motion to approve.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

SECOND PETITION
CROWN CASTLE - DCR CONNECTION

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: So the following is DCR Connection
which is an extension of existing aerial fiber
from the intersection of Hews and Callender

Streets, westerly to Pole 13, then in new conduit along Callender Street, turning southerly on

Putnam Avenue, p1us or minus 293 feet, then
aerial for the length of Hingham Street, then northerly along Banks Street, then westerly on

Akron Street to Memorial Drive. (Fiber feed for

Nodes N001, N051, and N014 on DCR).

Those are all on DCR roadways?

KOSTA JOVANOVIC: Correct. We went out and we surveyed that based upon the last session, and we determined that there was a mistake in the drawing where we had originally proposed to come on Pole 1, Pole 1 was crowded, so we had to go to Pole 3. It's the same route for abutter notification, but the mix of aerial and conduit is slightly altered.

EXECUTIVE DIRECTOR ELIZABETH LINT: Did you submit a new one?

KOSTA JOVANOVIC: Yes.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
You got to bring the conduit from Callender down to Hingham and then go aerial at that point?

KOSTA JOVANOVIC: Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: The
dig is from Callender Street to Putnam to
Hingham, to Banks, then aerial from there forward?

KOSTA JOVANOVIC: That's correct.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
I have the same concern I had with the others.
This is just on the other side of the school obviously on Putnam Avenue. One additional
restriction would be that Electrical Department and Public Works have full discretion on
scheduling when your crews can be in Putnam
Avenue. We will be overseeing the coordination with the school, the work that needs to get done at the school and your work in the last petition and this one too, so...

I would like to add to the typical
conditions.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Also on a side note from Callender Street to, I believe, Hews where you have a Node currently?

KOSTA JOVANOVIC: Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: You
have a lot of your equipment hanging from ropes there?

KOSTA JOVANOVIC: Ropes?
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Yeah, fiber enclosure and a few other things.
You can't leave stuff. It has been like that for awhile and we have complaints from residents of that area of wiring hanging and that should be taken care of real soon.

KOSTA JOVANOVIC: Absolutely.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: On
Bill's motion?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
SECOND PETITION
CROWN CASTLE - THIRD STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Third Street, to install a new decorative street light pole adjacent to the untagged wood pole (which is scheduled for removal) at the corner of Third Street and Linskey Way, and to install telecommunications equipment and pole top antenna as shown on either of the plans: Design Option 1 or Design Option 2 (Node NO79).

This was continued from June. This is still being discussed internally. KOSTA JOVANOVIC: Yes. CITY ELECTRICIAN STEPHEN LENKAUSKAS: It has not been determined -- a decision has not been made as to this installation, so I make a motion to continue. SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
SECOND PETITION
CROWN CASTLE - THIRD STREET

KOSTA JOVANOVIC: The next one is the
feed for that pole.
CITY ELECTRICIAN COMMISSIONER STEPHEN
LENKAUSKAS: So this would be the feed, the underground feed or the work to feed that pole that hasn't been -- from a previous petition?

KOSTA JOVANOVIC: Correct.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
move to continue that also.
KOSTA JOVANOVIC: Anything I can do to
help with the decision?
CITY ELECTRICIAN STEPHEN LENKAUSKAS: No.
There's been discussion -- it's the start of it and we haven't a chance, between vacations and getting the right people in the room, to discuss it hasn't happened. I feel as though it will be -- we'll have a discussion before the next hearing. And if we have any questions in the meantime, I'11 give you a call.

The motion to continue?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11

those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
NEW PETITION
CROWN CASTLE - CAMBRIDGE STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: New petition for Crown Castle for Cambridge Street, the installation of new conduit from Level 3 manhole 0515/0013, easterly to Third Street, then south to Pole 11, 227 feet, with installation of equipment on Pole 11.

Also within this petition to an extension of the fiberoptic network beginning at Pole 24 on Third Street northerly in new conduit, crossing Spring Street to Pole 23 on Third Street, plus or minus 130 feet, rising on Pole 23, and continuing aerial to Pole 11, with the installation of equipment on Pole 11.

KOSTA JOVANOVIC: What this was --

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

That's excavation from Pole 24 at Third and
Spring, down Third Street to the pole right in front of the courthouse?
KOSTA JOVANOVIC: Yes.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: You
run aerial there down to Pole 11, just before Cambridge Street and then --

KOSTA JOVANOVIC: Correct. I was looking at the Node number.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
don't see the sketch for Cambridge to Third. I don't know if I didn't print it out or didn't receive it.

KOSTA JOVANOVIC: Here.
(Forwarding.)

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

That's the same one. Do you have the first part of that petition which was installation of new conduit from the Leve1 3 manhole on Cambridge Street?

KOSTA JOVANOVIC: Oh, that's the story
instead of doing that dig on Cambridge Street, they determined that it wasn't feasible to do it,
so we're not disturbing Cambridge Street and alternatives were coming up from the south. So this was supposed to read as an amended granted location because we already had the break-out from Cambridge Street.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

That was approved on a previous petition?
KOSTA JOVANOVIC: Yep. So when I sent it
in, I think I said "amend granted location to" -CITY ELECTRICIAN STEPHEN LENKAUSKAS: I gotcha. Okay. So the first section -- so this
is to amend an earlier petition for Cambridge Street for the installation of the new conduit
from the Level 3 manhole easterly to Third Street to Pole 11?

KOSTA JOVANOVIC: Yeah.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay. So that dig -- the dig on Cambridge Street is eliminated from that granted location from
that previous petition.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

That's a plus for everybody.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay. I don't have any other issues.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Move ahead then.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to approve?

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

NEW PETITION
CROWN CASTLE - GARDNER STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: This is for Gardner Street, an
extension of fiberoptic cable network from Pole
14 at the corner of Amory Street and St. Mary
Road, easterly in new conduit approximately 219
feet to a new $3 \times 3$ manhole at Prospect Street,
then northerly in new conduit approximately 99
feet to a new 3X3 manhole at Gardner Street, continuing easterly approximately 92 feet to Pole 295/6, then aerial to Pole 295/4 on Gardner Street with installation of equipment on Pole 295/4 (Node N059).

I believe this was the original -- I
think we denied an earlier petition to go out to
Broadway and so this was --
KOSTA JOVANOVIC: This was the
alternative.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: The
alternative.

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

We may have to continue this to take a better look at this, give -- to give it an honest effort as opposed to -- we need -- DPW needs to get more involved in this and take a look at this. So
instead of just denying it or whatever, I would
like to continue this one petition for another month and take a better look at it in more detail.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to continue?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: All those in favor?

> SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

## NEW PETITION

CROWN CASTLE - CAMBRIDGE STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: An extension of fiberoptic cable network beginning at Level 3 manhole 0515-0308 on the easterly end of Cambridge Street southerly in new conduit approximately 33 feet, to a new $3 \times 3$ manhole, then easterly approximately 206 feet in conduit to the jurisdictional boundary with Massachusetts Highway.

I believe you also have to petition the section on McGrath and O'Brien Highway.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

CITY ELECTRICIAN STEPHEN LENKAUSKAS: Do you have DCR permitting.

KOSTA JOVANOVIC: Our understanding is that the DCR deeded it over to DOT.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
have -- you have all the DOT paperwork, it has
been approved?
KOSTA JOVANOVIC: The application has been in for three weeks. All the paperwork is in.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
You're saying in conduit, you're using existing conduit?

KOSTA JOVANOVIC: This is new conduit and we did send out the notice to all the utilities to see if they wanted to join, and we had no response because it's sort've of a long run. It runs down $\mathrm{O}^{\prime}$ Brien Highway down to the Science Museum.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: We need to see the entire route and a petition.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Level 3 had multiple conduits running down from Cambridge Street -- yeah, from Cambridge or Third Street down to McGrath and O'Brien, so I'm a

1ittle...
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
believe it turns and goes up.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yeah. I know it did do that.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
don't know that it extends.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

You're right. I don't think it did either.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
make a motion to continue.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

That would be the thing to do for further review.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: For
further review and you will also need to petition the entire route, whether it's -- even though it's on Mass DOT, we need to see the entire route and petition and it should be included in this whole run.

KOSTA JOVANOVIC: Thank you.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to continue.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

THIRD PETITION
VERIZON - WILLOW STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Verizon.
First petition is for Willow Street.
This has been continued from the May 26 hearing.
The paperwork that you sent to revise the petition?

EVERETTE BRYAN: Yes. You should have received it this morning. The petition and the order changed. The rest of the documents remain the same.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: So

there's a new conduit that goes to that pole?
EVERETTE BRYAN: Yes, I apologize to you.
I misread this completely when I was out there before. When we met out there last month, they clarified for me, and I when back and checked on the status of this job. It goes back a couple years. And originally they planned to place conduit to both directions from that manhole. Apparently they were able to clear that duct that goes to Pole 14 and then they didn't need to do that section. And they did section to 15 on the other side and went to aerial 19 as opposed to going underground to 19. That work has been done and there were several engineers involved over
the couple years and it got a little confused, to say the least.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

This work has been done and completed and approved back a year and a half ago and it's in. There's a new conduit there now. So you're asking to remove this petition?

EVERETTE BRYAN: If it has already been petitioned and granted.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: It
has.
EVERETTE BRYAN: Then we withdraw the petition.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
make a motion to deny this petition.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
NEW PETITION
VERIZON - AMES STREET

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

This is for Ames Street. Relocating existing
Verizon manhole $26 / 338$ and related underground conduit between Verizon manhole $26 / 84$ and manhole $26 / 20$ and service connections to 5 Cambridge

Center and 4 Cambridge Center due to the expansion of 88 Ames Street as shown on the attached plan.

EVERETTE BRYAN: I believe you have the larger plans that go with this. I didn't include them in my package.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Right off the top, I would like to make sure we
have added a 4 -inch conduit for the city.
EVERETTE BRYAN: Which part of it?
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
-- any duct bank that goes in between any of these manholes and the buildings.

EVERETTE BRYAN: One 4-inch PVC.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Yes. We'11 be asking for one that goes to the private manhole, 338-1, the manhole 20 from manhole, it looks like, 338. And then from that new manhole 338 into 75 Ames, and then from that same manhole into 55 Ames, or is that $85 ?$

EVERETTE BRYAN: It's 88.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I'm sorry. 88.

And then from 338 to 84 , and also from 338 into 4 Cambridge Center. So, essentially, all of the duct banks that you're running here to move that manhole and conduit, we'11 need one for
the city.

EVERETTE BRYAN: Okay. You said 1 to 75

Ames there as well because we're not placing anything there. We're connecting to the existing to go into 75 Ames.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: We have one in there currently, so you would pick up ours to go to that manhole.

EVERETTE BRYAN: Okay.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11 of our cable that we have in now, we will be able to move as you're moving yours because we do have presence in all those, feeding all those buildings for fire.

EVERETTE BRYAN: I understand.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: So
in 1 ine with the previous petition, motion to approve?

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

With the added conduits for the city.
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: Al1
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.
JOSEPH ALBANI: Thank you for your time.

## NEW PETITION

VERIZON - CAMBRIDGEPARK DRIVE

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

This is for Cambridgepark Drive. Place
approximately 56 feet of underground conduit two,
4-inch PVC from Verizon manhole 26/596 located on
northerly side of private property conduit for service to 150 Cambridgepark Drive as shown on attached petition plan.

I will note that I would like to add one here for the city also. One 4-inch.

I don't have any issues with this, Bill.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
No. Just check and see if has been paved that far.

KEVIN MURRAY: That section of
Cambridgepark Drive has not been paved.

> SUPERINTENDENT OF STREETS WILLIAM DWYER:

I believe you're correct. We can do typical conditions when Liz comes back.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion was made to approve.
EXECUTIVE DIRECTOR ELIZABETH LINT: Okay.
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.
CITY ELECTRICIAN COMMISSIONER STEPHEN
LENKAUSKAS: Yes.

KEVIN MURRAY: Thank you for your time.
EXECUTIVE DIRECTOR ELIZABETH LINT: No
additions to that?
CITY ELECTRICIAN STEPHEN LENKAUSKAS: Add
a 4 -inch conduit.
EXECUTIVE DIRECTOR ELIZABETH LINT: For the city?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: For the city.

EXECUTIVE DIRECTOR ELIZABETH LINT: On
Cambridgepark Drive?
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Yes.

## NEW PETITION

VERIZON - ALLEN STREET

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: For Allen Street. This is to
relocate an existing Pole No. 2 approximately 35
feet in a westerly direction and place and anchor/guy to support Pole No. 2 as shown on attached petition plan, No. P2015-4AOBR4V.

JEFF HIRSCH: Hi. I think that's me. CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Come up.

So are you asking to relocate a pole?
EVERETTE BRYAN: A curb-cut is going
there, as I understand it.
JEFF HIRSCH: Right. There's a new
curb-cut going in and we have a pole that hits right about the edge of the curb-cut.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:
You're asking for a guy anchor?

EVERETTE BRYAN: That's a dead-end pole so normally we would request an anchor and guy.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: We had not allowed anchor guys in the city to go down to the sidewalks.

EVERETTE BRYAN: I understand. So we'11 have to come up with another method for that.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Either an anchor guy pole, if you find you need one. I don't think you have any facilities on that pole other than a streetlight.

EVERETTE BRYAN: Very little is on there.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: One or two drops.

EVERETTE BRYAN: Right.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: You
may find you will not need one. We cannot approve an anchor guy --

EVERETTE BRYAN: I understand.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: --

into the sidewalk.
EVERETTE BRYAN: We'll strike that from
the petition and go just with the pole then.
SUPERINTENDENT OF STREETS WILLIAM DWYER:
You're looking to get Pole 2 moved southerly towards Mass Ave, is that right?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

I want to make sure I'm reading this correctly.

I hadn't seen this one.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

They're relocating their driveway into that new building.

SUPERINTENDENT OF STREETS WILLIAM DWYER:
I obviously hadn't seen it.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Can't, the building is gone.

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

I have seen the barriers out front and the water line you want to move and everything. I want to make sure I am reading that right.

With that move, is there any conduit that needs to be moved with this, Steve?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I don't believe so, no.

JEFF HIRSCH: No. It supports one city
light and there's a line going from the pole which is about 20 feet away to that pole to support the light.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: If
there are no -- if there aren't any facilities going back on that pole, why would you not go underground and put a steel pole, city pole? JEFF HIRSCH: We could.

CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Eliminate the overhead and eliminate the -- the
wood pole and the overheads so you only have wires passing in front.

JEFF HIRSCH: We could. We have to put a new sidewalk in any way. No reason not to do it. But whatever the easiest most efficient way to do it --

CITY ELECTRICIAN STEPHEN LENKAUSKAS: The pole -- as far as Verizon is concerned, it would be a removal of the pole.

JEFF HIRSCH: Does that work for you
guys?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: And

the developer to coordinate with the city to
install a conduit from Pole 3 to a new subbase and then the installation of the pole or light.

EVERETTE BRYAN: I would need to verify
that with our engineer that he has no need for that pole. If we can do that --

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Correct. I mean, if you're planning on -- I don't believe there are any risers on that pole.

EVERETTE BRYAN: No, there aren't.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: I
think it was discussed at one time to do it that way. I don't know where that got lost.

JEFF HIRSCH: I'm not sure. Right now we're looking for whatever the easiest and most efficient way of doing this is. The pole doesn't help us or hurt us, except that it's in the way of the driveway.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yep.
EVERETTE BRYAN: It does look like --

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Aesthetically, I think it makes sense to get -if Verizon is not using that pole for servicing anybody or the need for it, it can eliminate the wood pole and install the underground from Pole
3.

EVERETTE BRYAN: It looked like a service wire going across the pole to the street.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: You would have to verify that. If Verizon has no need for that pole and you want to remove the overhead wiring, coordination with the city would be the -- the cost would be on the development, we could give you estimates on that. It goes back a little way, but I think we may have already given an estimate. JEFF HIRSCH: We may have looked at that at one point. I think we were fine either way. CITY ELECTRICIAN STEPHEN LENKAUSKAS: I think with the new development to have a nice new pole rather than a wood pole.

JEFF HIRSCH: We would much prefer that.
If we can do that in an expedient manner. The
issue coming up very soon is the line for that
pole overhead will be in the way of the crane that's going to be lifting the modular units onto the site, and we can't lift over the wires. We can lift around the wires and I can do anything like that, but, unfortunately, it's all right in the way and since I have a -- I got one of the or part of the structures, $I$ don't know if I can lift it -- if I can get around that. So it may mean we would have to disconnect it for a day or two while we're doing it, or while we're doing it we disconnect it and move it and do the final.

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

That's worth looking into.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: You probably have to coordinate.

JEFF HIRSCH: Is that okay with Verizon?
EVERETTE BRYAN: I don't know that. I
can't say that without consulting with the engineer.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: If

there's one wire that feeds this, whether it's
Verizon's or Comcast's, any wires that leave that pole need to be relocated.

JEFF HIRSCH: That's a low voltage wire and we can take it from the other pole that's right here.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

That's up to whoever owns it, which would be Verizon or Comcast.

EVERETTE BRYAN: We would have to have our engineer look at it. CITY ELECTRICIAN STEPHEN LENKAUSKAS: As far as deenergizing the line when the time comes, you have to coordinate that with Eversource. You have to do a cutoff, deenergize it, it goes through our streetlight, but the drop is owned by Eversource. JEFF HIRSCH: Okay.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: I

would get that work order in because regardless, I don't think even if they remove that pole you have to maintain the lighting on street. You would have to put some sort of temporary lighting up there regardless because that's the only light from there back until you get to Pole 3. JEFF HIRSCH: Would we be able to put temporary lighting on one of the existing poles there?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS: I

 think this is probably a conversation we can have away from this petition, but it looks like there may be some lighting on this building already, some wall packs, that this area may be sufficiently lit already. We may be able to remove -- if they don't need it and then remove the drop and have Eversource cut it off and remove it so it won't be in your way.In regard to this petition, I would say
we continue it pending further discussion, and if it needs to come back and moved, we'11 hear it next month.
On the motion to continue?

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.
CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?

## SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes. To backtrack you have to verify that can be done. And as far as your crane issue, I'11 take a look at it and do you have my contact information.

JEFF HIRSCH: I do. You have mine, right?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: I'm
sure we do.

So the motion was made to continue,
correct.

SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:

Yes.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes.

NEW PETITION
VERIZON - CAMBRIDGE TERRACE

## CITY ELECTRICIAN COMMISSIONER STEPHEN

LENKAUSKAS: The last petition is for Cambridge
Terrace. Place and attach one sidewalk
anchor/guy to existing Pole $34 / 1$ located on southeasterly side of Cambridge Terrace due to renovation of 15 Richdale Avenue which requires
removal of existing Verizon cable and guy from building under renovation.

The same goes with this one, the city doesn't allow the guy anchors in the sidewalk. EVERETTE BRYAN: I understand, and I
mentioned that to our engineer and he wanted to pursue it anyway. So if he can do something else there?

CITY ELECTRICIAN STEPHEN LENKAUSKAS: The only suggestion $I$ would make, if you determine that you do need to guy that back is to put a steel subanchor pole at the corner of Richdale Avenue -- not at the corner. It would need to be discussed, but it looks right between the property 1 ines you could set one there which may work. So you may want to pursue that. EVERETTE BRYAN: We would need a petition for that?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Yes, you would.
EVERETTE BRYAN: The developers are
already remodeling that section of the building. We may have to do something else to expedite it unless we can get permission to place the steel before the next month's hearing which I --

CITY ELECTRICIAN STEPHEN LENKAUSKAS: It changes the whole scope of work and the abutters would be need to be notified, especially if you're going put a pole in front of their house or near their house.

## EXECUTIVE DIRECTOR ELIZABETH LINT:

Especially in that neighborhood.
EVERETTE BRYAN: I'11 ask the developer and see if he can hold off long enough for a steel pole; if not, we'11 have to do something else.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: You absolutely need something there that can that
strain off that section.

EVERETTE BRYAN: Yes. It's -- the guy in
the building is being remodeled.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

It's attached to their building.

EVERETTE BRYAN: It's attached to the building. Pole in front of their building, there's not a room to place the guy. There's a pole in front of the building on Allen Street. CITY ELECTRICIAN STEPHEN LENKAUSKAS: Right. It's very narrow.

EVERETTE BRYAN: There's not room there, so probably we have to ground brace that pole with a guy, or if we have time, and I'11 have to check with the developer, we could petition for the steel stub.

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Okay.

EVERETTE BRYAN: Does it have to be
steel, by the way?
CITY ELECTRICIAN STEPHEN LENKAUSKAS: No.
EVERETTE BRYAN: More than likely Verizon would want to put a wooden pole.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: It
doesn't need to be steel, no. I just thought if it was shorter and steel, the neighbors if -it's less of -- aesthetically it looks better than larger wooden poles. You can petition what you want. I would suggest something nicer than a wooden pole. engineer.

## EXECUTIVE DIRECTOR ELIZABETH LINT:

Motion to continue?

## CITY ELECTRICIAN STEPHEN LENKAUSKAS:

Motion to continue.

> SUPERINTENDENT OF STREETS WILLIAM DWYER:

Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Yes.
Motion to adjourn?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Seconded.

CITY ELECTRICIAN STEPHEN LENKAUSKAS: A11
those in favor?
SUPERINTENDENT OF STREETS WILLIAM DWYER:
Yes.
CITY ELECTRICIAN STEPHEN LENKAUSKAS:
Yes.
(Whereupon the hearing was adjourned.)

## ERRATA SHEET

INSTRUCTIONS: After reading the transcript, note any change or correction and the reason therefor on this sheet. Sign and date this errata sheet.

## PAGE LINE

$\qquad$ CHANGE: $\qquad$
REASON: $\qquad$
CHANGE: $\qquad$
REASON: $\qquad$
CHANGE: $\qquad$
REASON: $\qquad$
CHANGE: $\qquad$
REASON: $\qquad$
CHANGE: $\qquad$
REASON: $\qquad$
CHANGE: $\qquad$
REASON: $\qquad$

I have read the foregoing transcript, and except for any corrections or changes noted above, I hereby subscribe to the transcript as an accurate record of the statement(s) made by me.

## CERTIFICATION

Commonwealth of Massachusetts Norfolk, ss.

I, Jill Kourafas, a Notary Public in and for the Commonwealth of Massachusetts, do hereby certify:

That the hearing herein before set forth is a true and accurate record of the proceedings.

IN WITNESS WHEREOF, I have hereunto set my hand this 25th day of August, 2015.

Ji11 Kourafas
Certified Shorthand Reporter License No. 14903
Notary Public

THE FOREGOING CERTIFICATION OF THIS TRANSCRIPT DOES NOT APPLY TO ANY REPRODUCTION OF THE SAME IN ANY RESPECT UNLESS UNDER THE DIRECT CONTROL AND/OR DIRECTION OF THE CERTIFYING REPORTER


| 86:1, 86:6, 88:19, 89:5, 90:11 | $\underline{9}$ |
| :---: | :---: |
| 40 [1] - 44:19 | 91 [1] - 4:8 |
| $\underline{41}[2]-30: 14,34: 18$ | $92[1]-77: 9$ |
| $\underline{\underline{42}}[1]-2: 19$ | $\frac{92}{99}[1]-77: 9$ |
| $\underline{44}[2]-3: 4,34: 17$ | $\underline{99}[1]-77: 7$ |
| $\underline{45}[1]-61: 11$ | A |
| $\underline{48 / 10}[1]-65: 10$ | $\underline{\text { A-L-B-A-N-I [1] - 9:15 }}$ |
| $\underline{49}$ | a.m [2] - 1:16, 5:10 |
| 5 | able [6] - 44:15, 49:5, 83:14, |
| $\begin{aligned} & \frac{5}{5}[3]-2: 3,17: 12,85: 11 \\ & {[2]-26: 11,36: 17} \end{aligned}$ | absolutely [2] - 69:10, 104:19 |
| $53[1]-3 \cdot 5$ | abutter [1] - 67:6 |
| $\frac{53}{54}[1]-3: 5$ | abutters [8] - 62:5, 62:7, 63:6, |
| $\left.\begin{array}{lllll} \mathbf{5 4} & {[1]} & -3: 7 \\ 55 \end{array} 4\right]-2 \cdot 15 \quad 33.8 \quad 33.18 \quad 86 \cdot 12$ | $63: 10,63: 17,64: 4,64: 11,104: 8$ |
| 55 [4] - 2:15, 33:8, 33:18, 86:12 | access [2] - 51:5, 51:8 |
| $\underline{56}[1]-88: 18$ | according [2] - 37:6, 37:7 |
| $\underline{58}[1]-3: 8$ | accurate [2] - 108:12, 109:9 |
| 588 [2] - 28:16, 29:6 | activities [2] - 12:4, 12:8 |
| $\underline{6}$ | actual [2] - 30:18, 57:1 |
| $\underline{60}[2]-3: 10,30: 13$ | added <br> [2] - 86:1, 88:3 |
| 617.786.7783/www.reportersinc.com | addition [1] - 52:8 |
| $[1]-1: 19$ | additional [4] - 51:14, 52:4, 52:7, |
| $\frac{65}{66}[1]-3: 11$ | $68: 5$ |
| 66 [1] - $3: 13$ | additions [1] - 90:9 |
| 686 [1] - 59:1 | address [1] - 46:1 |
| 7 | $\begin{aligned} & \text { adjacent }[2]-44: 17,70: 6 \\ & \text { adjourn }[1]-107: 7 \end{aligned}$ |
| 7 [3]-3:5, 52:18, 53:3 | adjourned [1] - 107:16 |
| 7/40 [1] - 2:4 | adjusted [1] - 12:1 |
| $\underline{70}[2]-3: 14,36: 17$ | aerial [15] - 54:18, 60:15, 61:3, |
| 72 [1] - 3:16 | 61:4, 65:9, 65:13, 66:10, 66:15, |
| 737/14-S [1] - 22:19 | 67:7, 67:14, 67:18, 73:12, 74:2, |
| $\underline{75}$ [3] - 86:11, 87:2, 87:5 | 77:10, 83:17 |
| 77 [1] - 3:17 | aesthetically [2] - 96:16, 106:8 |
| 7735 [1] - 44:11 | agenda [3] - 6:17, 8:5, 51:1 |
| 79 [1] - 3:19 | AGENDA [6] - 2:1, 2:2, 3:1, 3:2, |
| 8 | ago [3] - 13:8, 20:16, 84:5 |
| 82 [1] - 4:4 | agreement [6] - 12:2, 12:11, 20:6, |
| 831 [1] - 1:13 | 20:14, 21:4, 21:10 |
| 84 [1] - 86:16 | ahead [5] - 35:10, 41:9, 50:11, |
| $\underline{85}[2]-4: 5,86: 12$ | 50:12, 76:7 |
| 88 [3] - 85:13, 86:13, 86:15 | Akron [1] - 66:17 |
| 89 [1] - 4:7 | alarm [5] - 45:2, 45:3, 46:11, |

## 47:17, 49:2

ALBANI [13] - 9:7, 9:11, 9:14, 10:2,
$10: 6,10: 11,11: 9,13: 5,15: 7$,
15:12, 16:14, 19:17, 88:12
Albani [3] - 9:11, 9:14, 9:15
Albany [4] - 7:10, 54:17, 55:1,
57:14
ALBANY [2] - 2:3, 7:7
alignment [3] - 12:1, 12:15, 21:14
alignments [1] - 18:8
Allen [2] - 91:4, 105:9
ALLEN [2] - 4:8, 91:1
alley [1] - 17:1
allow [2] - 55:18, 103:4
allowed [1] - 92:4
altered [3] - 38:13, 39:9, 67:8
alternative [2] - 77:17, 77:19
alternatives [1] - 75:2
amend [2] - 75:9, 75:12
amended [1] - 75:3
AMES [5] - 2:4, 4:5, 8:17, 40:12,
85:5
Ames [20] - 9:1, 9:4, 11:12, 15:14, 16:17, 17:2, 17:7, 17:12, 40:15, $40: 16,41: 15,53: 4,53: 8,53: 9$,
$85: 8,85: 13,86: 11,86: 12,87: 3$, 87:5
Amory [1] - 77:4
anchor [5] - 91:19, 92:2, 92:4,
92:9, 92:18
anchor/guy [2] - 91:7, 102:17
anchors [1] - 103:4
AND [4] - 1:2, 1:4, 1:7, 5:3
AND/OR [1] - 109:17
ANDERSON [13] - 44:7, 44:13, 45:9,
45:12, 47:6, 47:11, 49:7, 49:12,
49:19, 50:19, 51:12, 51:18, 52:4
answer [1] - 7:1
antenna [1] - 70:9
ANTHONY [11] - 18:11, 33:12, 33:16, $34: 1,35: 5,37: 6,37: 16,38: 1$, 38:4, 38:16, 39:16
Anthony [1] - 35:4
ANY [2] - 109:17, 109:17
anyway [2] - 35:17, 103:7
anyways [1] - 62:4
apologize [3] - 5:8, 41:2, 83:7
application [1] - 80:2
APPLY [1] - 109:17
appropriate [1] - 7:2
approval [7] - 12:13, 13:17, 19:5, 20:3, 48:9, 57:12
approve [23] - 5:15, 23:10, 25:14, 27:14, 29:17, 36:1, 38:10, 38:19, $43: 2,52: 8,53: 12,53: 17,57: 1$, 58:3, 59:10, 60:3, 63:18, 64:7, 65:16, 76:9, 87:18, 89:16, 92:18
approved [12] - 19:14, 20:17, 21:1, 41:1, 41:16, 48:12, 48:15, 49:3, 61:9, 75:7, 80:1, 84:5
April [2] - 7:11, 7:19
area [3] - 63:6, 69:8, 100:15
aside [1] - 13:9
ASR [1] - 53:5
associated [2] - 16:19, 59:18
assumption [1] - 43:12
AT [1] - 1:12
attach [1] - 102:16
attached [5] - 85:14, 89:3, 91:8, 105:5, 105:6
attachment [1] - 55:2
attorney [1] - 6:15
Auburn [9] - 61:2, 61:8, 61:15, $62: 13,63: 2,63: 6,63: 14,63: 17$, 64:12
August [4] - 1:15, 5:10, 20:18, 109:11

AUGUST [1] - 5:2
AUTHORITY [2] - 3:3, 44:3
Authority [1] - 44:6
Ave [6] - 32:9, 60:19, 61:1, 61:14, 61:16, 93:7
Avenue [11] - 1:13, 28:14, 32:10, 58:19, 59:15, 59:18, 66:14, 68:5, 68:9, 102:19, 103:13
AVENUE [2] - 2:13, 32:5
awhile [1] - 69:7
backtrack [1] - 101:13



```
56:10, 86:1, 87:1, 88:3, 89:5,
90:13, 90:15, 92:4, 94:9, 94:16,
95:13, 97:7, 103:3
clarified [1] - 83:10
clear [1] - 83:14
clicked [1] - 63:14
closed [1] - 12:10
closer [1] - 37:14
cognizant [1] - 59:16
colleagues [1] - 41:5
Columbus [1] - 32:9
COLUMBUS [2] - 2:13, 32:5
Comcast [13] - 14:16, 14:18, 18:10,
26:16, 26:19, 27:2, 27:9, 33:11,
34:16, 36:3, 36:15, 36:16, 99:10
COMCAST [6] - 2:15, 2:16, 2:18,
    33:8, 34:12, 36:12
Comcast's [1] - 99:3
coming [11] - 12:14, 14:9, 15:1,
15:14, 46:2, 51:2, 51:6, 61:10,
61:12, 75:2, 97:19
COMMISSION [3] - 1:2, 1:4, 5:3
Commission [3] - 5:9, 7:1, 31:14
COMMISSIONER [28] - 5:14, 5:19, 7:9,
    8:19, 9:9, 32:7, 32:16, 33:10,
    34:14, 36:14, 38:2, 40:14, 42:13,
    44:5, 47:7, 48:4, 48:17, 49:13,
    58:14, 66:8, 71:12, 73:1, 77:1,
    78:14, 79:3, 90:5, 91:3, 102:14
Commissioners [1] - 5:11
Commonwealth [2] - 109:3, 109:6
communication [1] - 11:15
companies [1] - 11:15
company [1] - 7:17
complaints [1] - 69:7
completed [1] - 84:4
completely [1] - 83:8
concern [3] - 10:16, 32:17, 68:3
concerned [1] - 95:8
concerns [2] - 20:2, 32:14
condition [1] - 16:1
conditions [14] - 21:2, 24:1, 24:3,
26:3, 28:6, 28:8, 30:6, 36:2,
39:10, 50:13, 53:16, 68:14, 89:14
Conduit [3] - 5:9, 10:14, 13:6
conduit [54] - 16:15, 16:19, 17:9,
```

$22: 19,24: 12,25: 4,26: 11,28: 15$, $29: 10,30: 14,32: 11,34: 19,36: 16$, $37: 1,37: 8,37: 10,37: 15,37: 16$, $39: 7,42: 17,45: 1,46: 19,47: 4$, $48: 18,51: 16,53: 6,54: 16,56: 2$, 58:17, 66:12, 67:7, 67:13, 73:3, 73:9, 74:15, 75:13, 77:5, 77:7, $79: 7,79: 9,80: 6,80: 7,80: 8,83: 6$, 83:13, 84:6, 85:10, 86:1, 86:19, 88:18, 89:1, 90:11, 94:5, 95:14
CONDUIT [4] - 1:2, 1:4, 1:7, 5:3
conduits [5] - 14:6, 46:2, 46:4, 80:17, 88:3
Conference [1] - 1:13
confirm [2] - 18:7, 21:17
confirming [1] - 20:2
confused [1] - 84:1
connect [2] - 45:1, 45:3
connecting [1] - 87:4
CONNECTION [2] - 3:13, 66:6
connection [2] - 17:5, 17:6
Connection [1] - 66:9
connections [1] - 85:11
consistent [2] - 19:13, 21:13
construction [3] - 15:16, 15:19,
53:8
consulting [1] - 98:18
contact [3] - 27:5, 27:10, 101:15
contacted [2] - 26:16, 32:18
continuation [1] - 14:14
continue [25] - 7:12, 8:2, 22:1,
$22: 5,31: 9,31: 15,32: 12,32: 18$,
$33: 19,41: 16,42: 1,63: 5,70: 18$,
$71: 18,72: 10,78: 2,78: 7,78: 11$,
81:11, 82:3, 101:2, 101:5, 102:2,
106:15, 106:17
continued [7] - 7:11, 9:2, 33:14,
43:13, $54: 14,70: 12,82: 17$
CONTINUED [9] - 2:2, 2:4, 2:14, 3:6,
$7: 7,8: 17,33: 8,40: 12,54: 7$
continuing [3] - 60:16, 73:11, 77:9
contractor [2] - 11:11, 59:17
CONTROL [1] - 109:17
conversation [4] - 13:5, 13:10,
13:15, 100:12
coordinate [3] - 95:13, 98:15, 99:15

| coordinated [1] - 18:3 | DATE [1] - 1:15 |
| :---: | :---: |
| coordinating [2] - 11:2, 59:17 | date [2] - 35:12, 108:3 |
| coordination [4] - 11:8, 12:16, | Davis [1] - 24:10 |
| $\begin{aligned} & 68: 9,97: 7 \\ & \text { copy }[3]-15: 10,23: 8,45: 7 \end{aligned}$ | $\begin{aligned} & \frac{\operatorname{DCR}}{79}[6]-3: 13,79: 17 \end{aligned}$ |
| corner [7] - 17:2, 57:14, 63:3, | DCR) [1] - 66:18 |
| 70:7, 77:4, 103:12, 103:13 | dead [1] - 92:1 |
| correct [12] - 10:2, 47:6, 48:16, | dead-end [1] - 92:1 |
| 49:16, 51:12, 67:1, 68:1, 71:16, | decision [2] - 70:16, 72:1 |
| :4, 89:13, 96:1, 102:3 | decorative [1] - 70:5 |
| correction [1] - 108:2 | dedicated [6] - 46:10, 46:11, 47:4, |
| corrections [1] - 108:11 | 47:8, 48:18 |
| correctly [1] - 93:11 | deeded [1] - 79:17 |
| corridor [1] - 25:9 | deenergize [1] - 99:16 |
| cost [1] - 97:8 | deenergizing [1] - 99:14 |
| Council [2] - 12:12, 20:17 | delay [1] - 5:8 |
| couple [3] - 14:2, 83:11, 84: | denied [2] - 10:14, 77:14 |
| Court [4] - 45:18, 47:18, 48:11, | deny [2] - 8:8, 84:15 |
| 51:7 | denying [1] - 78:6 |
| courthouse [1] - 73 | Department [8] - 21:8, 46:19, 47:12, |
| crane [2] - 98:1, 101:14 | 48:9, 48:13, 48:15, 49:6, 68:6 |
| crews [1] - 68:8 | departments [1] - 50:10 |
| Cross [4] - 54:15, 55:1, 55:10, | DEPUTY [1] - 1:9 |
| 57:14 | description [1] - 20:18 |
| cross [2] - 10:17, 50:8 | Design [2] - 70:10, 70:11 |
| CROSS [2] - 3:7, 54:7 | design [3] - 19:13, 19:17, 47:12 |
| cross-sections [1] - 10:17 | designated [1] - 50:17 |
| crossed [1] - 13:14 | desire [1] - 14:16 |
| crossing [4] - 46:5, 49:4, 50:4, | detail [4] - 45:14, 45:15, 50:3, |
| 73:9 | 78:9 |
| crowded [1] - 67: | determine [2] - 38:7, 103:10 |
| Crown [6] - 23:2, 23:3, 28:19, | determined [3] - 67:3, 70:16, 74:19 |
| 54:10, 59:5, 73:2 | developer [3] - 95:13, 104:14, |
| CROWN [19] - 3:7, 3:8, 3:10, 3:11, | 105:15 |
| $3: 13,3: 14,3: 16,3: 17,3: 19,54: 7$, | developers [1] - 104:2 |
| $58: 12,60: 12,65: 6,66: 6,70: 2,$ | development [2] - 97:8, 97:15 |
| $71: 8,72: 19,76: 18,79: 1$ | developments $[1]-9: 4$ |
| curb [3] - 91:13, 91:16, 91:17 | diagram [1] - 30:17 |
| curb-cut [3] - 91:13, 91:16, 91:17 | dial [1] - 49:5 |
| cut [4] - 91:13, 91:16, 91:17, | $\underline{\operatorname{dig}}[6]-18: 10,61: 10,67: 17 \text {, }$ |
|  | 74:18, 75:18 |
| cutoff [1] - 99:16 | Dig [1] - $37: 7$ |
| D | diligence [1] - 59:6 |
| Dana [1] - 58:1 | direction [1] - 91:6 |

```
DIRECTION [1] - 109:18
directions [1] - 83:13
DIRECTOR [21] - 1:10, 5:7, 5:17,
23:19, 28:5, 30:7, 39:3, 39:19,
41:17, 56:11, 57:19, 61:18, 62:8,
65:2, 67:9, 89:17, 90:8, 90:12,
90:16, 104:12, 106:14
disconnect [2] - 98:9, 98:11
discontinuance [2] - 20:14, 20:15
discretion [1] - 68:7
discuss [2] - 17:3, 72:5
discussed [3] - 70:13, 96:5, 103:14
discussion [3] - 72:3, 72:7, 101:2
discussions [1] - 47:11
disposition [4] - 12:11, 19:11,
20:13, 21:4
distance [9] - 22:19, 24:11, 26:11,
28:14, 30:14, 32:10, 37:14, 42:17,
44:19
distribute [1] - 51:4
disturbing [1] - 75:1
division [1] - 41:6
DMH [2] - 44:11, 44:12
document [1] - 20:16
documentation [2] - 21:6, 21:9
documented [2] - 19:15, 21:3
documents [1] - 83:3
DOES [1] - 109:17
done [9] - 11:4, 11:14, 12:16,
    17:19, 59:5, 68:10, 83:18, 84:4,
    101:14
DOT [3] - 79:17, 79:19, 81:17
dotted [1] - 13:14
double [2] - 35:11, 35:15
double-check [1] - 35:15
down [10] - 17:14, 25:7, 67:13,
    73:17, 74:2, 80:12, 80:17, 80:19,
92:5
DPW [8] - 10:12, 11:19, 24:3, 38:11,
    39:8, 41:1, 53:17, 78:4
DPW's [1] - 50:6
drawing [3] - 37:11, 38:1, 67:4
DRIVE [2] - 4:7, 88:14
Drive [5] - 66:17, 88:17, 89:2,
    89:11, 90:17
```

```
driveway [2] - 93:14, 96:11
drop [2] - 99:17, 100:18
drops [1] - 92:14
duct [7] - 56:6, 56:10, 56:12,
    56:14, 83:14, 86:4, 86:18
due [3] - 59:5, 85:12, 102:18
DUFFY [17] - 7:12, 7:16, 8:1, 8:6,
    23:4, 24:14, 24:19, 25:6, 25:10,
    28:17, 29:4, 29:7, 29:11, 31:1,
    31:6, 31:12, 32:14
Dwyer [1] - 5:12
DWYER [118] - 1:8, 6:2, 6:6, 8:3,
    8:9, 8:13, 12:19, 13:11, 18:17,
    20:4, 20:8, 21:16, 22:2, 22:6,
    22:10, 23:7, 23:11, 23:15, 24:5,
    25:3, 25:8, 25:11, 25:15, 25:19,
    26:4, 27:15, 27:19, 28:7, 29:14,
    29:18, 30:3, 31:16, 32:1, 32:19,
    33:4, 34:4, 34:8, 35:3, 35:9, 36:8,
    37:4, 38:6, 39:1, 39:12, 40:4,
    40:8, 40:17, 41:4, 42:3, 42:7,
    43:3, 43:7, 43:14, 45:6, 45:10,
    50:2, 52:10, 52:14, 53:13, 53:18,
    54:3, 56:15, 58:4, 58:8, 59:4,
    59:11, 60:4, 60:8, 64:8, 64:13,
    64:17, 65:17, 66:2, 67:12, 68:2,
    69:13, 69:17, 70:19, 71:4, 72:11,
    72:15, 76:2, 76:6, 76:10, 76:14,
    78:1, 78:12, 78:16, 79:13, 80:5,
    80:16, 81:4, 81:8, 81:12, 82:4,
    82:8, 84:16, 85:1, 87:19, 88:4,
    88:8, 89:7, 89:12, 89:18, 90:3,
    93:5, 93:10, 93:16, 94:1, 98:12,
    101:6, 101:10, 102:4, 102:8,
    106:18, 107:3, 107:8, 107:12
```

            \(\underset{ }{E}\)
    early [1] - 19:19
easiest [2] - 95:5, 96:8
easily [1] - 18:16
east [2] - 28:13, 53:4
easterly [11] - $30: 12,34: 17,36: 18$,
44:11, 53:7, 73:4, 75:14, 77:5,
77:9, 79:6, 79:8
edge [1] - 91:17
efficient [2] - 95:5, 96:9

```
effort [1] - 78:3
either [6] - 47:17, 59:10, 70:10,
    81:9, 92:9, 97:13
electric [7] - 15:13, 15:15, 15:16,
    17:16, 27:9, 27:14, 42:18
electrical [3] - 6:19, 48:10, 49:2
Electrical [1] - 68:6
ELECTRICIAN [282] - 1:9, 5:14, 5:19,
    6:4, 6:8, 7:3, 7:9, 7:14, 7:18,
    8:7, 8:11, 8:15, 8:19, 9:9, 9:18,
    10:3, 10:7, 11:7, 11:13, 14:5,
    15:3, 15:9, 16:7, 18:9, 19:6,
    21:19, 22:4, 22:8, 22:12, 22:16,
    23:5, 23:9, 23:13, 23:17, 24:2,
    24:9, 24:16, 25:1, 25:13, 25:17,
    26:2, 26:8, 26:15, 27:4, 27:13,
    27:17, 28:2, 28:11, 28:18, 29:5,
    29:9, 29:12, 29:16, 30:1, 30:5,
    30:11, 31:4, 31:8, 31:13, 31:18,
    32:3, 32:7, 32:16, 33:2, 33:6,
    33:10, 33:13, 33:18, 34:2, 34:6,
    34:10, 34:14, 35:7, 36:5, 36:10,
    36:14, 37:12, 37:18, 38:2, 38:9,
    38:17, 39:5, 39:14, 39:17, 40:2,
    40:6, 40:10, 40:14, 41:12, 41:19,
    42:5, 42:9, 42:13, 43:5, 43:9,
    43:16, 44:1, 44:5, 44:9, 44:16,
    45:16, 46:6, 46:9, 46:13, 47:3,
    47:7, 47:19, 48:4, 48:14, 48:17,
    49:10, 49:13, 49:17, 50:14, 51:9,
    51:13, 52:1, 52:6, 52:12, 52:16,
    53:1, 53:15, 54:1, 54:5, 54:9,
    54:12, 55:8, 55:13, 55:19, 56:5,
    56:9, 56:13, 56:18, 57:5, 57:10,
    57:17, 58:2, 58:6, 58:10, 58:14,
    59:9, 60:2, 60:6, 60:10, 60:14,
    61:6, 61:13, 62:2, 62:12, 62:15,
    63:1, 63:4, 63:8, 63:15, 64:2,
    64:6, 64:10, 64:15, 64:19, 65:4,
    65:8, 65:15, 65:19, 66:4, 66:8,
    67:16, 68:15, 68:19, 69:4, 69:11,
    69:15, 69:19, 70:4, 70:15, 71:2,
    71:6, 71:12, 71:17, 72:2, 72:13,
    72:17, 73:1, 73:15, 74:1, 74:6,
    74:12, 75:6, 75:10, 75:17, 76:4,
    76:8, 76:12, 76:16, 77:1, 77:18,
    78:10, 78:14, 78:18, 79:3, 79:14,
```

$79: 18,80: 14,81: 2,81: 6,81: 10$, $81: 14,82: 2,82: 6,82: 10,82: 14$, 83:5, 84:3, 84:10, 84:14, 84:18, $85: 3,85: 7,85: 18,86: 3,86: 7$, 86:14, 87:6, 87:10, 87:16, 88:2, $88: 6,88: 10,88: 16,89: 15,90: 1$, $90: 5,90: 10, ~ 90: 14, ~ 90: 18, ~ 91: 3$, 91:10, 91:18, 92:3, 92:8, 92:13, 92:16, 93:1, 93:8, 93:13, 93:18, $94: 7,94: 13,94: 18,95: 7,95: 12$, 95:19, $96: 4, ~ 96: 12, ~ 96: 15, ~ 97: 4, ~$ 97:14, 98:14, 99:1, 99:8, 99:13, 100:1, 100:11, 101:8, 101:12, 101:19, 102:6, 102:10, 102:14, 103:9, 103:19, 104:7, 104:18, 105:4, 105:10, 105:17, 106:2, 106:5, 106:16, 107:1, 107:5, 107:10, 107:14
eliminate [4] - 55:14, 94:19, 96:18 eliminated [1] - 75:19
ELIZABETH [21] - 1:10, 5:7, 5:17, 23:19, 28:5, 30:7, 39:3, 39:19, 41:17, 56:11, 57:19, 61:18, 62:8, $65: 2,67: 9, ~ 89: 17, ~ 90: 8, ~ 90: 12$, 90:16, 104:12, 106:14
Elm [1] - 49:9
Elms [1] - 51:2
enclosure [1] - 69:5
end [2] - 79:6, 92:1
ending [3] - $34: 18,36: 18,54: 19$
engineer [10] - 13:4, 20:11, 41:1, 41:7, 48:10, 95:17, 98:19, 99:12, 103:6, 106:13
engineering [1] - 41:5
engineers [1] - 83:19
$\underline{\text { entire [4] - 9:19, 80:15, 81:16, }}$
81:17
enunciator [2] - 47:2, 48:6
enunciators [1] - 47:14
equipment [11] - 29:1, 30:18, 55:2, 55:7, 59:2, 65:12, 69:1, 70:9, 73:6, 73:13, 77:11
ERRATA [1] - 108:1
errata [1] - 108:3
especially [2] - 104:9, 104:13
essentially [1] - 86:17

```
estimate [1] - 97:11
estimates [1] - 97:9
eventually [1] - 17:13
EVERETTE [34] - 83:1, 83:7, 84:8,
    84:12, 85:15, 86:2, 86:6, 86:13,
    87:2, 87:9, 87:15, 91:13, 92:1,
    92:6, 92:12, 92:15, 92:19, 93:3,
    95:16, 96:3, 96:14, 97:2, 98:17,
    99:11, 103:5, 103:17, 104:2,
    104:14, 105:2, 105:6, 105:12,
    105:19, 106:3, 106:12
EVERSOURCE [2] - 2:19, 42:11
Eversource [10] - 11:12, 18:4,
    22:17, 32:8, 42:15, 43:1, 43:12,
    99:15, 99:18, 100:18
exact [3] - 35:12, 38:10, 39:6
excavation [1] - 73:16
except [2] - 96:10, 108:11
EXECUTIVE [21] - 1:10, 5:7, 5:17,
    23:19, 28:5, 30:7, 39:3, 39:19,
    41:17, 56:11, 57:19, 61:18, 62:8,
    65:2, 67:9, 89:17, 90:8, 90:12,
    90:16, 104:12, 106:14
existing [15] - 12:17, 16:19, 17:4,
    34:16, 36:16, 55:17, 58:16, 66:10,
    80:6, 85:8, 87:4, 91:5, 100:9,
    102:17, 103:1
exists [1] - 16:3
expansion [1] - 85:13
expedient [1] - 97:18
expedite [1] - 104:4
extend [1] - 61:15
extends [1] - 81:7
extension [7] - 54:15, 58:16, 65:9,
    66:10, 73:7, 77:3, 79:4
extent [1] - 11:5
extents [1] - 53:6
extra [1] - 45:7
```


favor [33] - 6:5, 8:12, 22:9, 23:14, 25:18, 27:18, 30:2, 31:19, 33:3, $34: 7,36: 7,40: 7,42: 6,43: 6$, 52:13, 54:2, 58:7, 60:7, 64:16, $66: 1,69: 16,71: 3,72: 14,76: 13$, 78:15, 82:7, 84:19, 88:7, 90:2, 101:9, 102:7, 107:2, 107:11
FAYERWEATHER [2] - 2:9, 26:6 Fayerweather [3] - 26:9, 26:12
feasible [1] - 74:19
feed [5] - 66:17, 71:11, 71:13,
71:14
feeding [1] - 87:13
feeds [2] - 46:16, 99:2
feet [25] - 22:19, 24:11, 26:11,
28:13, 28:14, 30:13, 30:14, 32:10, $36: 17,42: 16,42: 17,44: 11,44: 19$, 59:1, 66:14, 73:5, 73:11, 77:6, 77:8, 77:9, 79:7, 79:8, 88:18, 91:6, 94:11
few [2] - 10:12, 69:5
Fi [2] - 17:10, 51:5
fiber [5] - 51:2, 60:15, 66:10,
66:17, 69:5
Fiberite [1] - 17:9
fiberoptic [6] - 17:9, 58:16, 65:9, 73:8, 77:3, 79:4
field [3] - 38:11, 39:7, 59:14
fifth [2] - 6:17, 55:18
final [2] - 13:16, 98:11
finalized [1] - 14:10
fine [2] - 50:13, 97:13
finite [1] - 12:17
fire [5] - 45:2, 45:3, 46:11, 49:2, 87:14
Fire [6] - 46:19, 47:12, 48:9,
48:13, 48:15, 49:5
first [10] - 5:13, 7:4, 7:10, 9:13, 15:12, 33:14, 54:14, 74:13, 75:11, 82:16
Fisher [1] - 6:16
five [5] - 15:13, 28:14, 35:14,
46:2, 51:17
five-inch [1] - 15:13
Flagg [3] - 58:15, 59:1, 60:17
FLAGG [2] - 3:8, 58:12

| folks [1] - 59:13 | Grant [3] - 61:11, 61:12, 65:9 |
| :---: | :---: |
| following [2] - 12:12, 66:9 | GRANT [2] - 3:11, 65:6 |
| foot [1] - 56:3 | granted [4] - 75:3, 75:9, 75:19, |
| footprint [4] - 12:10, 12:15, 16:16, | 84:9 |
| 18:3 | greatest [1] - 11:5 |
| FOREGOING [1] - 109:16 | GREENUP [5] - 6:15, 26:14, 26:18, |
| foregoing [1] - 108:11 | 27:11, 28:4 |
| forget [1] - 41:10 | ground [2] - 26:13, 105:13 |
| formally [1] - 20:17 | Group [1] - 6:16 |
| forth [2] - 20:19, 109:8 | guaranteed [2] - 35:18, 36:3 |
| forward [10] - 6:12, 10:18, 10:19, | guess [2] - 21:17, 59:12 |
| $\begin{aligned} & 13: 3,18: 4, \quad 22: 3, \quad 25: 12, \quad 59: 8, \\ & 67: 19 \end{aligned}$ | $\begin{aligned} & \text { guy }[11]-23: 3,91: 19,92: 2,92: 9, \\ & 92: 18,103: 1,103: 4,103: 11,105: 2, \end{aligned}$ |
| forwarded [1] - 20:10 | 105:8, 105:14 |
| forwarding [1] - 35:6 | guys [2] - 92:4, 95:11 |
| Forwarding [2] - 45:13, 74:11 |  |
| foster [1] - 30:12 | $\underline{\text { H }}$ |
| FOSTER [2] - 2:12, 30:9 | half [1] - 84:5 |
| four [7] - 8:4, 15:13, 17:8, 46:3, | hand [1] - 109:11 |
| 46:4, 55:17, 63:12 | hanging [2] - 69:1, 69:8 |
| Franklin [3] - 28:12, 28:16, 58:18 | happy [1] - 6:19 |
| FRANKLIN [2] - 2:10, 28:9 | hard [1] - 61:19 |
| front [10] - 24:17, 34:16, 36:17, | Harrison [1] - 32:9 |
| 44:8, 73:18, 94:2, 95:2, 104:10, | HARVARD [2] - 2:7, 24:7 |
| 105:7, 105:9 | Harvard [2] - 24:10, 24:13 |
| full [1] - 68:7 | haul [1] - 46:1 |
| fully [1] - 18:3 | hear [2] - 41:3, 101:3 |
| future [1] - 51:3 | heard [3] - 13:1, 19:1, 27:2 |
| G | $\begin{aligned} & \text { hearing }[13]-5: 16,7: 4,10: 14, \\ & 13: 7,14: 7,33: 15,41: 7,54: 15, \end{aligned}$ |
| $\begin{aligned} & \text { garage [3] - } 16: 12,18: 13,18: 15 \\ & \text { GARDNER [2] - } 3: 17,76: 18 \end{aligned}$ | $\begin{aligned} & 72: 8,82: 17,104: 6,107: 16,109: 8 \\ & \text { help [3] }-12: 8,72: 1,96: 10 \end{aligned}$ |
| Gardner [3] - 77:2, 77:8, 77:10 | hereby [2] - 108:12, 109:6 |
| GARRETT [13] - 44:7, 44:13, 45:9, | herein [1] - 109:8 |
| 45:12, 47:6, 47:11, 49:7, 49:12, | hereunto [1] - 109:10 |
| $\begin{aligned} & 49: 19,50: 19,51: 12,51: 18,52: 4 \\ & \text { gas [2] }-11: 10,12: 6 \end{aligned}$ | $\begin{aligned} & \text { Hews }[2]-66: 11,68: 17 \\ & \text { Hi [1]-91:9 } \end{aligned}$ |
| Gas [1] - 18:4 | Highway [3] - 79:10, 79:12, 80:12 |
| gasline [2] - 11:12, 18:2 | Hingham [3] - 66:15, 67:14, 67:18 |
| general [1] - 12:15 | HIRSCH [14] - 91:9, 91:15, 94:9, |
| given [2] - 62:17, 97:11 | 94:17, 95:3, 95:10, 96:7, 97:12, |
| glad [1] - 41:3 | 97:17, 98:16, 99:5, 99:19, 100:8, |
| gonna [1] - 50:4 | 101:17 |
| Google [1] - 17:10 | hits [1] - 91:16 |
| gotcha [1] - 75:11 | hold [1] - 104:15 |


| honest [1] - 78:3 | intersection [4] - 55:1, 60:18, |
| :---: | :---: |
| House [1] - 48:12 | $63: 11,66: 11$ |
| house [2] - 104:10, 104:11 | involved [2] - 78:5, 83:19 |
| houses [1] - 46:18 | issue [4] - 29:13, 59:7, 97:19 |
| Housing [1] - 44:6 | 101:14 |
| HOUSING [2] - 3:3, 44:3 | issues [7] - 23:6, 25:2, 27:9, 35:8, |
| hurt [1] - 96:10 | $35: 19, \quad 76: 5, \quad 89: 6$ |
| I |  |
| identification [1] - 57 | $\underline{J}$ |
| immediately [1] - 27:12 | Jackie [1] - 43:11 |
| IN [3] - 1:4, 109:10, 109:17 | JACQUI [17] - 7:12, 7:16, 8:1, 8:6, |
| INC [1] - 1:18 | 23:4, 24:14, $24: 19,25: 6,25: 10$, |
| $\begin{aligned} & \frac{\text { inch }}{52: 5,57]-15: 13, ~ 18: 1, ~ 46: 8, ~ 51: 16, ~} \\ & \text { 52:9 } \end{aligned}$ | $\begin{aligned} & 28: 17, \quad 29: 4,29: 7,29: 11,31: 1, \\ & 31: 6,31: 12,32: 14 \end{aligned}$ |
| inches [1] - 49:14 | JEFF [14] - 91:9, 91:15, 94:9, |
| $\text { include }[4]-35: 1,37: 1,56: 10 \text {, }$ | $\begin{aligned} & 94: 17, \quad 95: 3, ~ 95: 10, ~ 96: 7, ~ 97: 12, \\ & 97: 17, ~ 98: 16, ~ 99: 5, ~ 99: 19, ~ \\ & 900: 8 \end{aligned}$ |
| included [2] - 19:17, | 101:17 |
| including [1] - 14:15 | $\frac{\text { Jim }}{20: 5, ~} 20: 10: 12,13: 1,18: 18,20: 2,$ |
| $\text { INDEX [3] }-2: 1,3: 1,4: 1$ |  |
| indicating) $[1]-62: 11$ | Jim's [1] - 21:12 |
| information [3] - 20:10, 40:18, |  |
| $101: 16$ | Joe [3] - 9:11, 12:2, 12:7 |
| 49:4 | JOHN [5] - 6:15, 26:14, 26:18, |
| initiated [1] | $27: 11, \quad 28: 4$ |
| inner [4] - 56:6, 56:10, 56:11, | join [1] - 80:10 |
| $\begin{aligned} & \text { 56:14 } \\ & \text { input [1] - } 2 \end{aligned}$ | ```JOSEPH [14] - 9:7, 9:11, 9:14, 9:15, 10:2, 10:6, 10:11, 11:9, 13:5, 15:7, 15:12, 16:14, 19:17, 88:12 Joseph [2] - 9:14, 9:15``` |
| insofar |  |
| inspected [1] - 49:3 | JOVANOVIC [45] - 54:11, 55:6, 55:11, |
| install [4] - 70:5, 70:8, 95:14, | $55: 16,56: 2,56: 8,57: 3,57: 8,$ |
| 96:19 | $57: 15,61: 4,61: 9,61: 17,62: 5,$ |
| $65: 11,70: 17,73: 3,73: 6,73: 12,$ | 62:10, 62:14, 62:18, 63:3, 63:7, |
| $74: 14,75: 13,77: 11,95: 15$ | 63:10, 63:19, 64:5, 65:14, 67:1, |
| installed [2] - 48:12, 56:7 | $67: 11,67: 15, ~ 68: 1, ~ 68: 18, ~ 69: 3, ~$ $69: 10,70: 14,71: 10,71: 16,71: 1$ |
| installing [2] - 34:19, 36:19 | $73: 14,73: 19,74: 4,74: 10,74: 17,$ |
| instead [2] - 74:18, 78:6 | $\begin{aligned} & 75: 8,75: 16,77: 16,79: 16, \quad 80: 2 \\ & 80: 8,82: 1 \end{aligned}$ |
| INSTRUCTIONS [1] - 108:2 |  |
| intent [1] - 26:19 | July [2] - 5:16, 33:15 |
| interface [1] - 45: | June [1] - 70:12 |
| internally [1] - 70:13 | jurisdictional [1] - 79:9 |
| intersect [1] - 61:1 |  |



100:1, 100:11, 101:8, 101:12,
101:19, 102:6, 102:10, 102:15,
103:9, 103:19, 104:7, 104:18,
105:4, 105:10, 105:17, 106:2,
106:5, 106:16, 107:1, 107:5,
107:10, 107:14
less [1] - 106:8
Level [5] - 73:4, 74:15, 75:14,
79:5, 80:17
license [2] - 57:9, 57:11
License [1] - 109:14
licensed [1] - 57:7
lift [3] - 98:3, 98:4, 98:8
lifting [1] - 98:2
light [5] - 70:6, 94:10, 94:12,
95:15, 100:6
lighting [7] - 19:7, 19:8, 19:12,
100:4, 100:5, 100:9, 100:14
likely [2] - 51:3, 106:3
line [9] - 34:18, 36:19, 37:15,
53:10, 87:17, 94:3, 94:10, 97:19, 99:14
LINE [1] - 108:4
lines [1] - 103:15
Linskey [1] - 70:8
LINT [21] - 1:10, 5:7, 5:17, 23:19, $28: 5,30: 7,39: 3,39: 19,41: 17$, 56:11, 57:19, 61:18, 62:8, 65:2, 67:9, 89:17, 90:8, 90:12, 90:16, 104:12, 106:14
Lint [1] - 57:16
list [2] - 64:1, 64:3
lit [1] - 100:16
little.. [1] - 81:1
Liz [3] - 41:14, 57:18, 89:14
lobby [1] - 47:16
local [1] - 62:1
locate [2] - 37:9, 38:5
located [4] - 48:2, 48:8, 88:19,
102:17
location [10] - 12:1, 16:5, 18:1, $37: 3,38: 10,39: 6,48: 11,75: 4$, 75:9, 75:19
locations [1] - 12:17
Lombardi [1] - 1:12
look [8] - 15:5, 47:16, 78:3, 78:5,

78:8, 96:14, 99:12, 101:15
looked [2] - 97:2, 97:12
looking [8] - 21:14, 26:17, 39:4, 39:6, 74:4, 93:6, 96:8, 98:13
looks [4] - 86:10, 100:13, 103:14, 106:8
lost [1] - 96:6
low [1] - 99:5

## M

main [1] - 10:16
MAIN [2] - 2:6, 22:14
Main [1] - 22:17
maintain [1] - 100:4
management [3] - 45:4, 47:14, 47:15
manhole [34] - 15:14, 16:15, 24:11,
$24: 17,34: 16,36: 16,37: 8,37: 9$, 37:11, 42:17, 44:11, 44:14, 54:16, 54:17, 56:3, 73:4, 74:15, 75:14, $77: 6,77: 8,79: 5,79: 8,83: 13$, $85: 9,85: 10,86: 9,86: 10,86: 11$, $86: 12,86: 19,87: 8,88: 19$
manholes [2] - 17:1, 86:5
manner [1] - 97:18
March [1] - 19:14
mark [1] - 63:11
marked [1] - 55:11
markings [1] - 37:19
marks [1] - 37:7
Mary [1] - 77:4
Mass [6] - 60:19, 61:1, 61:14,
61:16, 81:17, 93:7
Massachusetts [6] - 1:13, 1:14,
63:13, 79:10, 109:3, 109:6
master [8] - 45:2, 46:3, 46:14,
$46: 17,48: 1,48: 7,48: 19,49: 7$
matter [2] - 5:13, 6:16
MATTERS [3] - 2:2, 3:2, 4:2
McGrath [2] - 79:12, 80:19
mean [2] - 96:1, 98:9
meantime [1] - 72:9
MEETING [2] - 1:4, 5:3
meeting [7] - 5:9, 10:8, 10:11, $10: 13,24: 3,38: 11,53: 16$
meetings [3] - 11:19, 18:6, 39:8

| MEMBERS [1] - 1:7 | 94:6, 101:3 |
| :---: | :---: |
| Memorial [1] - 66:17 | moving [5] - 16:17, 18:4, 50:11, |
| mention [1] - 106:12 | 59:8, 87:12 |
| mentioned [1] - 103:6 | Mt [10] - 61:2, 61:8, 61:15, 62:6, |
| $\begin{aligned} & \text { met }[4]-10: 8,13: 8,21: 11,83: 9 \\ & \text { meter }[1]-43: 15 \end{aligned}$ | $\begin{aligned} & 62: 13,63: 2,63: 6,63: 14,63: 17, \\ & 64: 12 \end{aligned}$ |
| metes [1] - 20:19 | MULLEN [13] - 45:8, 45:14, 45:19, |
| method [1] - 92:7 | $46: 8,46: 12,46: 16,47: 10,48: 3$, |
| Michael [1] - 1:12 | $48: 7,48: 16,49: 1,49: 16,50: 1$ |
| middle [2] - 16:17, 21:8 | multiple [1] - 80:17 |
| $\overline{\text { mine }[1] ~-~ 101: 17 ~}$ | Municipal [1] - 1:12 |
| minimize [2] - 17:17, 17:18 | municipal [3] - 47:4, 51:10, 51:16 |
| minus [3] - 59:1, 66:14, 73:11 | MURRAY [2] - 89:10, 90:7 |
| minutes $[1]-5: 16$ | Museum [1] - 80:13 |
| misread [1] - 83:8 | MWRA [1] - 33:17 |
| mistake [1] - 67:3 | $\underline{N}$ |
| MIT [7] - 3:5, 14:8, 14:15 <br> $52: 18,53: 2,53: 3$ | N001 [1] - 66:18 |
| $\operatorname{mix}[1]-$ | N014 [1] - 66:18 |
| modern [1] - 40:19 | N017) [1] - 55:3 |
| modular [1] - 98:2 | N030 [2] - 59:3, 60:16 |
| Monday [1] - 20:18 | N031 [4] - 60:19, 62:13, 65:3, 65:5 |
| month [5] - 8:2, 14:14, 78:8, 83:9, | N045 [1] - 65:12 |
| $101: 4$ | N051 [1] - 66:18 |
| month's [1] - 104:6 | N059) [1] - 77:12 |
| months [2] - 8:4, 10:13 | N079) [1] - 70:11 |
| moratorium [1] - 11:6 | name [4] - 6:13, 9:10, 9:12, 9:13 |
| morning [8] - 5:8, 10:4, 14:1, 19:1, | narrow [2] - 31:10, 105:11 |
| 33:12, $54: 11,54: 13,83: 2$ | nature [1] - 12:5 |
| most [3] - 61:19, 95:5, 96:8 | near [1] - 104:11 |
| motion [39] - 5:15, 6:1, 8:8, 22:1, | necessary [6] - 23:1, 24:12, 26:12, |
| $23: 10,25: 14,29: 17,31: 15,34: 3$, $38: 19,40: 3,41: 16,42: 2,43: 2$, | $\begin{aligned} & 28: 15,30: 15,36: 4 \\ & \text { need }[42]-14: 8,14: 12,19: 8,25: 4, \end{aligned}$ |
| $52: 8,53: 12,53: 17,57: 1,58: 3,$ | $27: 7, \quad 27: 10, \quad 35: 11, \quad 35: 15,37: 10,$ |
| $\begin{aligned} & 59: 10, ~ 60: 3, ~ 63: 5,64: 7,65: 16, \\ & 69: 12,70: 18,72: 10,76: 9,78: 11, \end{aligned}$ | $48: 18, \quad 50: 8, \quad 50: 9,56: 6,57: 6,$ |
| 81:11, 82:3, 84:15, 87:17, 89:16, | $59: 16,78: 4,80: 15,81: 15,81: 17$, |
| 101:5, 102:2, 106:15, 106:17, 107:7 | 83:15, 86:19, 92:9, 92:17, 95:16, |
| motion's [1] - 22:5 | 95:17, 96:18, 97:6, 99:4, 100:17, |
| move [28] - 7:6, 10:1, 10:18, 10:19, | 103:11, 103:13, 103:17, 104:9, |
| 13:2, 13:3, 13:19, 21:18, 22:3, | 104:19, 106:6 |
| $25: 12,27: 14,31: 9,32: 12,32: 18,$ | $\text { needs }[7]-17: 18,20: 10,31: 11 \text {, }$ |
| $33: 19,35: 10,36: 1,37: 10,38: 10,$ | $68: 10,78: 4,94: 6,101: 3$ |
| 41:9, 50:12, 71:18, 76:7, 86:19, | neighborhood [1] - 104:13 |
| $87: 12,94: 3,94: 5,98: 11$ | neighbors [1] - 106:7 |
| moved [5] - 14:12, 31:11, 93:6, | network [4] - 58:16, 73:8, 77:3, |

79:5
new [34] - 18:15, 23:3, 24:14,
$36: 16,37: 9,40: 18,45: 2,53: 8$, 58:17, 60:15, 66:12, 67:10, 70:5, $73: 2,73: 3,73: 9,74: 14,75: 13$, $77: 5,77: 6,77: 7,77: 8,79: 7,80: 8$, $83: 6,84: 6,86: 11,91: 15,93: 14$, 95:4, 95:14, 97:15
NEW [33] - 2:5, 2:7, 2:8, 2:10, $2: 11,2: 13,2: 16,2: 17,3: 3,3: 5$, $3: 17,3: 18,4: 5,4: 6,4: 8,4: 9$, $22: 14,24: 7,26: 6,28: 9,30: 9$, $32: 5,34: 12,36: 12,44: 3,52: 18$, $72: 19,76: 18,79: 1,85: 5,88: 14$, 91:1, 102:12
Newtowne [4] - 45:18, 47:18, 48:11, 51:7
next [7] - 16:14, 28:12, 32:8,
71:10, 72:7, 101:4, 104:6
nice [1] - 97:15
nicer [1] - 106:10
Node [10] - 55:3, 59:3, 60:16,
60:19, 63:9, 65:12, 68:17, 70:11, 74:5, 77:12
Nodes [1] - 66:18
Norfolk [1] - 109:4
normally [1] - 92:2
north [2] - 53:5, 60:17
northeasterly [1] - 42:15
northerly [4] - 66:16, 73:9, 77:7,
89:1
northwesterly [2] - 58:18, 65:11
NOT [1] - 109:17
Notary [2] - 109:5, 109:15
note [4] - 59:12, 68:16, 89:4, 108:2
noted [1] - 108:11
notice [2] - 50:5, 80:9
notification [2] - 63:5, 67:7
notifications [1] - 61:7
notified [5] - 62:7, 63:17, 64:4,
64:12, 104:9
notify [2] - 43:11, 62:18
NSTAR [23] - $2: 3,2: 4,2: 6,2: 7$, $2: 9,2: 10,2: 12,2: 13,5: 13,7: 4$, $7: 7,8: 17,14: 6,15: 14,22: 14$, $22: 17,24: 7,26: 6,27: 1,28: 9$,
$30: 9,32: 5,40: 12$
number [8] - 12:4, 12:14, 55:5, $55: 9,55: 16,56: 19,57: 2,74: 5$ numerous [2] - 11:19, 18:6
NYNEX [2] - 44:18

## ㅇ

O'Brien [3] - 79:12, 80:12, 80:19 obviously [2] - 68:5, 93:17
OF [125] - 1:1, 1:8, 2:1, 3:1, 4:1, $6: 2,6: 6,8: 3,8: 9,8: 13,12: 19$, 13:11, 18:17, 20:4, 20:8, 21:16, $22: 2,22: 6,22: 10,23: 7,23: 11$, 23:15, 24:5, 25:3, 25:8, 25:11, $25: 15,25: 19,26: 4,27: 15,27: 19$, 28:7, 29:14, 29:18, 30:3, 31:16, $32: 1,32: 19,33: 4,34: 4,34: 8$, $35: 3,35: 9,36: 8,37: 4,38: 6,39: 1$, 39:12, $40: 4,40: 8,40: 17,41: 4$, $42: 3,42: 7,43: 3,43: 7,43: 14$, $45: 6,45: 10,50: 2,52: 10,52: 14$, $53: 13,53: 18,54: 3,56: 15,58: 4$, $58: 8,59: 4,59: 11,60: 4,60: 8$, $64: 8,64: 13,64: 17,65: 17,66: 2$, $67: 12,68: 2,69: 13,69: 17,70: 19$, $71: 4,72: 11,72: 15,76: 2,76: 6$, $76: 10,76: 14,78: 1,78: 12,78: 16$, $79: 13,80: 5,80: 16,81: 4,81: 8$, 81:12, 82:4, 82:8, 84:16, 85:1, 87:19, 88:4, 88:8, 89:7, 89:12, 89:18, $90: 3,93: 5,93: 10,93: 16$, 94:1, 98:12, 101:6, 101:10, 102:4, 102:8, 106:18, 107:3, 107:8, 107:12, 109:16, 109:17, 109:18
office [4] - 31:2, 47:14, 47:15, 59:13
OFFICIAL [1] - 1:19
officially [1] - 13:2
often [1] - 44:7
onboard [1] - 10:15
once [2] - 50:8
one [49] - 8:2, 9:1, 12:5, 14:14, 15:1, 26:19, 27:1, 29:10, 31:1, $32: 15,34: 15,34: 19,36: 19,45: 17$, $46: 2,46: 11,46: 18,47: 4,50: 16$, $55: 10,55: 15,59: 7,59: 12,67: 10$, $68: 5,68: 12,71: 10,74: 13,78: 7$,

```
86:6, 86:8, 86:19, 87:7, 89:4,
89:5, 92:10, 92:13, 92:17, 93:12,
94:9, 96:5, 97:13, 98:6, 99:2,
100:9, 102:16, 103:3, 103:15
ones [1] - 7:6
ongoing [2] - 11:8, 12:18
opposed [2] - 78:4, 83:17
Option [2] - 70:10, 70:11
or.. [1] - 18:10
order [6] - 7:5, 41:6, 53:10, 62:9,
83:3, 100:2
original [2] - 39:9, 77:13
originally [3] - 48:8, 67:4, 83:12
otherwise [1] - 62:16
overall [1] - 15:6
overhead [4] - 26:17, 94:19, 97:7,
98:1
overheads [1] - 95:1
overseeing [1] - 68:9
owned [1] - 99:17
owners [1] - 61:19
owns [1] - 99:9
```



```
per [3] - 21:10, 46:18, 48:13
permission [1] - 104:5
permit [5] - 21:5, 21:6, 33:17,
    50:7, 50:10
permits [1] - 24:4
permitting [1] - 79:15
PETITION [58] - 2:2, 2:4, 2:5, 2:7,
    2:8, 2:10, 2:11, 2:13, 2:14, 2:16,
    2:17, 2:19, 3:3, 3:5, 3:6, 3:8,
    3:9, 3:11, 3:12, 3:14, 3:15, 3:17,
    3:18, 4:3, 4:5, 4:6, 4:8, 4:9, 7:7,
    8:17, 22:14, 24:7, 26:6, 28:9,
    30:9, 32:5, 33:8, 34:12, 36:12,
    40:12, 42:11, 44:3, 52:18, 54:7,
    58:12, 60:12, 65:6, 66:6, 70:2,
    71:8, 72:19, 76:18, 79:1, 82:12,
    85:5, 88:14, 91:1, 102:12
petition [49] - 6:11, 6:18, 7:10,
    14:8, 17:3, 27:7, 27:14, 28:12,
    32:8, 33:14, 39:11, 40:15, 41:15,
    42:15, 43:1, 50:12, 51:1, 54:14,
    58:15, 68:11, 71:15, 73:2, 73:7,
    74:14, 75:7, 75:12, 76:1, 77:14,
    78:7, 79:11, 80:15, 81:15, 81:18,
    82:16, 82:19, 83:2, 84:7, 84:13,
    84:15, 87:17, 89:3, 91:8, 93:4,
    100:13, 101:1, 102:15, 103:17,
    105:15, 106:9
petitioned [1] - 84:9
petitioning [1] - 28:19
petitions [2] - 10:4, 10:6
photograph [1] - 57:3
pick [1] - 87:7
picture [1] - 31:10
piece [1] - 56:2
pieces [1] - 16:3
pit [1] - 38:7
place [11] - 12:3, 12:13, 14:3,
    19:3, 36:15, 83:12, 88:17, 91:6,
    102:16, 104:5, 105:8
placed [1] - 37:8
places [1] - 14:19
placing [1] - 87:3
plan [11] - 15:6, 15:8, 20:14,
    20:15, 35:4, 35:6, 41:2, 45:11,
    85:14, 89:3, 91:8
```

| planned [1] - 83:12 | privy [1] - 20:9 |
| :---: | :---: |
| planning [1] - 96:1 | proceeding [1] - 54:18 |
| Planning [1] - 19:14 | PROCEEDINGS [3] - 2:1, 3:1, 4:1 |
| plans [4] - 21:7, 41:8, 70:10, 85:16 | proceedings [1] - 109:9 |
| Pleasant [1] - 62:6 | profile [1] - 10:17 |
| plus [4] - 59:1, 66:14, 73:10, 76:3 | progress [1] - 7:15 |
| point [6] - 17:17, 21:13, 22:3, | project [11] - 9:3, 9:8, 10:9, |
| 61:17, 67:14, 97:13 | 10:17, 10:19, 13:8, 13:9, 13:15, |
| pointing [1] - 16:5 | 17:11, 46:18, 59:19 |
| points [2] - 51:5, 51:8 | properly [1] - 61:7 |
| Pole [41] - 5:9, 10:14, 13:6, 22:18, | Properties [5] - 9:17, 11:17, 12:10, |
| $26: 10, \quad 28: 13, \quad 30: 12, \quad 32: 10,49: 18,$ | $20: 6,40: 16$ |
| 55:17, 58:19, 59:2, 65:10, 65:11, | $\text { property }[6]-24: 15,29: 6,34: 18 \text {, }$ |
| $65: 12,66: 12,67: 5,67: 6,73: 5$, | 36:18, 89:1, 103:15 |
| $73: 6,73: 8,73: 10,73: 11,73: 12$, | proponent [1] - 9:7 |
| $73: 13,73: 16,74: 2,75: 15,77: 3$, | proposed [3] - 17:7, 53:5, 67:4 |
| $77: 9,77: 10,77: 11,83: 15, ~ 91: 5$, | proposing [2] - 17:8, 29:1 |
| 91:7, 93:6, 95:14, 96:19, 100:7, | Prospect [1] - 77:6 |
| 102:17 | provide [2] - 42:18, 57:15 |
| pole [66] - 27:7, 28:19, 29:2, | provided [2] - 20:14, 20:15 |
| $44: 17,44: 19,46: 3,49: 5,49: 15,$ | pubic [1] - 36:18 |
| $51: 11,54: 18,54: 19,55: 2,55: 4,$ | public [5] - 17:10, 17:19, 34:18, |
| 55:6, 55:7, 55:9, 56:4, 56:16, $57: 2,57: 13,58: 17,60: 18,70: 6$ | $51: 5,51: 8$ |
| $70: 9, \quad 71: 11,71: 14,73: 17, \quad 83: 6,$ | Public [7] - 10:8, 50:7, 50:11, |
| $70: 9,71: 11,71: 14,73: 17,83: 6,$ $91: 12,91: 16,92: 1,92: 9,92: 11,$ | $59: 5,68: 7,109: 5,109: 15$ |
| $93: 4, \quad 94: 10, \quad 94: 11, \quad 94: 15, \quad 94: 16$ | $\text { pull }[2]-57: 8,57: 11$ |
| 95:1, 95:8, 95:9, 95:15, 95:18, | pulled <br> [1] - 13:9 |
| $96: 2,96: 9,96: 17,96: 19,97: 3$, | pulling [1] - 17:11 |
| 97:6, 97:16, 98:1, 99:4, 99:6, | pursue [2] - 103:7, 103:16 |
| 100:3, 103:12, 104:10, 104:16, | put [13] - 13:13, 26:13, 27:1, |
| 105:7, 105:9, 105:13, 106:4, 106:11 | 28:19, 29:2, 48:10, 94:16, 95:3, |
| POLE [4] - 1:2, 1:4, 1:7, 5:3 | 100:5, 100:8, 103:11, 104:10, 106:4 |
| poles [2] - 100:9, 106:9 | Putnam [8] - 28:14, 58:19, 59:15, |
| portion [3] - 17:16, 27:9, 61:10 portions [1] - 16:12 | $\begin{aligned} & 59: 18,66: 14,67: 17,68: 5,68: 8 \\ & \text { putting }[2]-29: 7,51: 8 \end{aligned}$ |
| possible [1] - 11:5 | PVC [2] - 86:6, 88:19 |
| power [3] - 24:12, 28:15, 30:15 | $\underline{\text { Q }}$ |
| presence [1] - 87:13 | questions [3] - 7:1, 41:10, 72:8 |
| pretty [2] - 21:9, 29:15 | quickly <br> [1] - 7:6 |
| $\frac{\text { previous }}{76: 1,87]}-39: 11,71: 15,75: 7 \text {, }$ | R |
| previously [1] - 41:15 | rather [1] - 97:16 |
| print [1] - 74:8 | RE [1] |
| private [3] - 17:1, 86:9, 89:1 | read [2] - 75:3, 108:11 |

```
reading [3] - 93:11, 94:4, 108:2
ready [1] - 11:11
real [1] - 69:9
realigned [1] - 14:13
realignment [1] - 21:12
reallocations [2] - 11:1, 11:3
reapply [1] - 8:5
reason [4] - 25:5, 45:1, 95:4, 108:2
REASON [6] - 108:5, 108:6, 108:7,
108:8, 108:9, 108:10
recalled [1] - 40:16
receive [1] - 74:9
received [2] - 20:11, 83:2
reconnecting [1] - 16:19
reconstruct [1] - 19:11
reconstruction [1] - 21:2
RECORD [1] - 1:19
record [5] - 6:13, 30:8, 38:15,
108:12, 109:9
reflected [1] - 21:5
regard [2] - 14:6, 101:1
regarding [1] - 51:2
regardless [2] - 100:2, 100:6
regards [1] - 10:5
regular [1] - 36:2
regulations [1] - 35:16
related [1] - 85:9
relates [1] - 12:16
relocate [4] - 11:11, 12:9, 91:5,
    91:12
relocated [4] - 16:10, 19:9, 46:17,
    99:4
relocating [4] - 16:18, 53:7, 85:8,
    93:14
relocation [9] - 10:15, 11:10, 12:6,
    15:13, 16:14, 17:4, 17:5, 19:19,
    41:8
remain [1] - 83:3
remaining [1] - 49:11
remodeled [1] - 105:3
remodeling [1] - 104:3
removal [5] - 35:1, 37:1, 70:7,
    95:9, 103:1
remove [7] - 26:17, 84:7, 97:6,
    100:3, 100:17, 100:19
```

```
renovation [2] - 102:19, 103:2
```

renovation [2] - 102:19, 103:2
replace [1] - 19:12
replace [1] - 19:12
replacement [1] - 37:2
replacement [1] - 37:2
REPORTER [2] - 9:12, 109:18
REPORTER [2] - 9:12, 109:18
Reporter [1] - 109:14
Reporter [1] - 109:14
REPORTERS [1] - 1:18
REPORTERS [1] - 1:18
REPRODUCTION [1] - 109:17
REPRODUCTION [1] - 109:17
request [3] - 39:9, 51:14, 92:2
request [3] - 39:9, 51:14, 92:2
requesting [1] - 55:14
requesting [1] - 55:14
required [1] - 21:10
required [1] - 21:10
requirements [1] - 19:16
requirements [1] - 19:16
requires [1] - 102:19
requires [1] - 102:19
Reservoir [1] - 26:10
Reservoir [1] - 26:10
residence [1] - 6:12
residence [1] - 6:12
residences [1] - 53:9
residences [1] - 53:9
resident [2] - 32:14, 32:17
resident [2] - 32:14, 32:17
residential [2] - 17:7, 18:15
residential [2] - 17:7, 18:15
residents [2] - 6:10, 69:7
residents [2] - 6:10, 69:7
RESPECT [1] - 109:17
RESPECT [1] - 109:17
response [1] - 80:11
response [1] - 80:11
rest [1] - 83:3
rest [1] - 83:3
restoration [1] - 35:1
restoration [1] - 35:1
restriction [1] - 68:6
restriction [1] - 68:6
review [2] - 81:13, 81:15
review [2] - 81:13, 81:15
reviewed [2] - 20:19, 21:11
reviewed [2] - 20:19, 21:11
revise [2] - 37:11, 82:18
revise [2] - 37:11, 82:18
revised [2] - 38:16, 38:18
revised [2] - 38:16, 38:18
revision [1] - 37:13
revision [1] - 37:13
revolve [1] - 14:1
revolve [1] - 14:1
Richdale [2] - 102:19, 103:12
Richdale [2] - 102:19, 103:12
riser [2] - 55:7, 55:9
riser [2] - 55:7, 55:9
risers [2] - 55:17, 96:2
risers [2] - 55:17, 96:2
rising [2] - 54:18, 73:11
rising [2] - 54:18, 73:11
Road [1] - 77:5
Road [1] - 77:5
roadways [1] - 66:19
roadways [1] - 66:19
room [4] - 24:17, 72:5, 105:8,
room [4] - 24:17, 72:5, 105:8,
105:12
105:12
Room [1] - 1:13
Room [1] - 1:13
ropes [2] - 69:1, 69:3
ropes [2] - 69:1, 69:3
roughly [1] - 16:4
roughly [1] - 16:4
route [4] - 67:6, 80:15, 81:16,
route [4] - 67:6, 80:15, 81:16,
81:17
81:17
routine [1] - 29:15
routine [1] - 29:15
run [8] - 15:17, 25:4, 26:18, 26:19,
run [8] - 15:17, 25:4, 26:18, 26:19,
74:2, 80:11, 81:19

```
    74:2, 80:11, 81:19
```

| $\begin{aligned} & \text { running [3] }-43: 15,80: 17,86: 18 \\ & \text { runs [2] - } 18: 2,80: 12 \end{aligned}$ | $\begin{aligned} & \text { service }[7]-6: 19,23: 1,26: 12, \\ & 42: 18, ~ 85: 11, ~ 89: 2, ~ 97: 2 \\ & \text { services [3] - 12:9, 12:14, } 24: 14 \end{aligned}$ |
| :---: | :---: |
| $\underline{S}$ | servicing [1] - 96:17 |
| Safe [1] - 37:7 | serving [1] - 15:15 |
| SAME [1] - 109:17 | session [1] - 67:2 |
| sampling [1] - $30: 15$ | set [4] - 18:19, 103:15, 109:8, |
| satisfied [1] - 15:2 | 109:1 |
| scheduled [1] - 70:7 | seven [2] - 35:13, 56:3 |
| scheduling [1] - 68:8 | seven-foot [1] - 56:3 |
| school [5] - 59:15, 59:19, 68:4 | several [2] - 59:6, 83:19 |
|  | sewer [2] - 10:15, 12:1 |
| science [1] - 46:4 | shadow [1] - 55:14 |
| Science [1] - 80:12 | sharing [1] - 17:15 |
| scope [5] - 9:3, 10:10, 17:17, | sheet [3] - 50:3, 108:3 |
| 21:10, 104 | SHEET [1] - 108:1 |
| SECOND [14] - 2:19, 3:8, 3:9, 3:11, | shorter [2] - 37:13, 106:7 |
| 3:12, 3:14, 3:15, 42:11, 58:12, | Shorthand [1] - 109:14 |
| $60: 12,65: 6,66: 6,70: 2,71: 8$ | $\text { show [1] - } 50: 3$ |
| $\begin{aligned} & \text { second }[11]-8: 10,9: 1,22: 7, \\ & 27: 16,34: 15,36: 6,41: 14,42: 14, \end{aligned}$ | shown [5] - 37:9, 70:10, 85:13, |
|  | $89: 2,91: 7$ |
| seconded [29] - 6:3, 23:12, 23:16, | $83: 17,89: 1,102: 18$ |
| 25:16, 29:19, 31:17, 33:1, 34:5, | sides [1] - 52:3 |
| $\begin{aligned} & 40: 5, \quad 42: 4, \quad 43: 4, \quad 52: 11, \quad 53: 14, \\ & 53: 19, ~ 58: 5,60: 5,64: 14,65: 18, \end{aligned}$ | $\text { sidewalk }[10]-16: 10,19: 8,24: 18,$ |
| $\begin{aligned} & 53: 19, ~ 58: 5, ~ 60: 5, ~ 64: 14, ~ 65: 18, \\ & 71: 1, ~ 72: 12, ~ 76: 11, ~ 78: 13, ~ 82: 5, \end{aligned}$ | $\begin{aligned} & 30: 19, \quad 31: 10,37: 2, ~ 93: 2, ~ 95: 4, \\ & 102: 16, ~ 103: 4 \end{aligned}$ |
| 84:17, 88:1, 89:19, 101:7, 106:19, 107:9 | sidewalks [3] - 35:2, 50:9, 92:5 |
| section [8] - 62:3, 75:11, 79:12, | $\begin{aligned} & \text { Sign [1] - 108:3 } \\ & \text { similar [2] - } 37: 3,39: 11 \end{aligned}$ |
| $\begin{aligned} & 83: 16,89: 10,104: 3,105: 1 \\ & \text { sections }[1]-10: 17 \end{aligned}$ | $\frac{\text { site }}{98: 3}[5]-15: 17,24: 3,48: 11,49: 3,$ |
| security [1] - 45:3 | sites [2] - 47:15, 51: |
| see [11] - 14:11, 16:5, 47:17, | size [1] - 30:18 |
| ```61:17, 62:14, 74:7, 80:10, 80:15, 81:17, 89:8, 104.15``` | sketch [2] - 31:2, 74 : |
| $\underline{\text { seem }[1]-23: 8}$ | slightly [1] - 67:8 |
| send [4]-31:7, 31:12, 31:14, 80:9 | small [1] - 17:16 |
|  | smaller [1] - 12:5 |
| sense [1] - 96:16 | so.. [3] - 19:1, 20:12, 68:12 |
| $\underline{\boldsymbol{\operatorname { s e n }} t}[2]-75: 8,82: 18$ | someone [1] - 9:6 |
| separate [2] - 18:1, 19:18 | soon [2] - 69:9, 97:19 |
| September | sorry [1] - 86:15 |
| serpentine [1] - 16:4 | sort [1] - 100:5 |
| serve [2] - 17:10, 18:12 | sort've [2] - 16:3, 80:11 |
| served [1] - 14:18 | sounds <br> [1] - 19:3 |
| serves [1] - 16:12 |  |

south [4] - 42:16, 58:18, 73:5, 75:2 southeasterly [1] - 102:18
southerly [4] - $28: 12,66: 13,79: 6$, 93: 6
southwesterly [1] - 22:18
spare [5] - 45:17, 50:17, 51:3,
51:14, 51:16
Sparks [1] - 30:13
special [1] - 21:5
specific [1] - 20:1
specs [1] - 50:6
spell [1] - 9:12
SPOF [2] - 24:6, 35:16
Spring [2] - 73:10, 73:17
ss [1] - 109:4
St [1] - 77:4
STAFF [1] - 1:10
stair [1] - 46:1
start [1] - 72:3
starting [1] - 58:17
state [5] - 6:12, 6:13, 9:10, 9:12, 16:2
statement(s [1] - 108:12
station [1] - 30:16
status [1] - 83:11
stay [1] - 7:5
steel [8] - 94:16, 103:12, 104:5, 104:16, 105:16, 106:1, 106:6, 106:7
step [1] - 6:12
STEPHEN [282] - 1:9, 5:14, 5:19, $6: 4,6: 8,7: 3,7: 9,7: 14,7: 18$, $8: 7,8: 11,8: 15,8: 19,9: 9,9: 18$, $10: 3,10: 7,11: 7,11: 13,14: 5$, 15:3, 15:9, 16:7, 18:9, 19:6, 21:19, 22:4, 22:8, 22:12, 22:16, $23: 5,23: 9,23: 13,23: 17,24: 2$, 24:9, 24:16, 25:1, 25:13, 25:17, $26: 2,26: 8,26: 15,27: 4,27: 13$, 27:17, 28:2, 28:11, 28:18, 29:5, 29:9, 29:12, 29:16, 30:1, 30:5, $30: 11,31: 4,31: 8,31: 13,31: 18$, $32: 3,32: 7,32: 16,33: 2,33: 6$, $33: 10,33: 13,33: 18,34: 2,34: 6$, $34: 10,34: 14,35: 7,36: 5,36: 10$, $36: 14,37: 12,37: 18,38: 2,38: 9$, $38: 17,39: 5,39: 14,39: 17,40: 2$,
$40: 6,40: 10,40: 14,41: 12,41: 19$, $42: 5,42: 9,42: 13,43: 5,43: 9$, 43:16, 44:1, 44:5, 44:9, 44:16, $45: 16,46: 6,46: 9,46: 13,47: 3$, $47: 7,47: 19,48: 4,48: 14,48: 17$, $49: 10,49: 13,49: 17,50: 14,51: 9$, $51: 13,52: 1,52: 6,52: 12,52: 16$, $53: 1,53: 15,54: 1,54: 5,54: 9$, $54: 12,55: 8,55: 13,55: 19,56: 5$, $56: 9,56: 13,56: 18,57: 5,57: 10$, 57:17, 58:2, 58:6, 58:10, 58:14, $59: 9,60: 2,60: 6,60: 10,60: 14$, $61: 6,61: 13,62: 2,62: 12,62: 15$, 63:1, 63:4, 63:8, 63:15, 64:2, $64: 6,64: 10,64: 15,64: 19,65: 4$, $65: 8,65: 15,65: 19,66: 4,66: 8$, $67: 16,68: 15,68: 19,69: 4,69: 11$, 69:15, 69:19, 70:4, 70:15, 71:2, $71: 6,71: 12,71: 17,72: 2,72: 13$, $72: 17,73: 1,73: 15,74: 1,74: 6$, $74: 12,75: 6,75: 10,75: 17,76: 4$, $76: 8,76: 12,76: 16,77: 1,77: 18$, $78: 10,78: 14,78: 18,79: 3,79: 14$, $79: 18,80: 14,81: 2,81: 6,81: 10$, 81:14, 82:2, 82:6, 82:10, 82:14, $83: 5,84: 3,84: 10,84: 14,84: 18$, $85: 3,85: 7,85: 18,86: 3,86: 7$, 86:14, 87:6, 87:10, 87:16, 88:2, $88: 6,88: 10,88: 16,89: 15,90: 1$, $90: 5, ~ 90: 10, ~ 90: 14, ~ 90: 18, ~ 91: 3, ~$ 91:10, 91:18, 92:3, 92:8, 92:13, $92: 16, ~ 93: 1, ~ 93: 8, ~ 93: 13, ~ 93: 18$, $94: 7,94: 13,94: 18,95: 7,95: 12$, 95:19, 96:4, 96:12, 96:15, 97:4, 97:14, 98:14, 99:1, 99:8, 99:13, 100:1, 100:11, 101:8, 101:12, 101:19, 102:6, 102:10, 102:14, 103:9, 103:19, 104:7, 104:18, 105:4, 105:10, 105:17, 106:2, 106:5, 106:16, 107:1, 107:5, 107:10, 107:14
steps [1] - 36:4
Steve [3] - $5: 12,37: 6,94: 6$
still [8] - 7:16, 8:1, 11:8, 11:14,
$12: 18,33: 16,59: 14,70: 13$
story [1] - 74:17
straight [1] - 29:3

```
strain [1] - 105:1
Street [98] - 7:11, 9:1, 9:5, 11:12,
15:15, 16:18, 17:2, 17:7, 17:12,
22:17, 22:18, 24:10, 24:13, 26:9,
26:10, 26:13, 28:12, 28:16, 30:12,
30:13, 34:16, 34:17, 34:19, 36:15,
36:17, 40:15, 40:16, 41:15, 44:10,
44:17, 45:5, 47:13, 53:4, 53:8,
53:9, 54:15, 54:17, 55:1, 55:10,
57:14, 58:15, 58:18, 59:1, 60:15,
60:17, 60:18, 61:2, 61:8, 61:11,
61:15, 62:6, 62:19, 63:6, 63:17,
64:12, 65:5, 65:9, 65:10, 66:13,
66:15, 66:16, 66:17, 67:17, 68:16,
70:5, 70:8, 73:3, 73:5, 73:9,
73:10, 73:17, 74:3, 74:16, 74:18,
75:1, 75:5, 75:13, 75:14, 75:18,
77:2, 77:4, 77:6, 77:8, 77:11,
79:6, 80:18, 80:19, 82:16, 85:8,
85:13, 91:4, 105:9
street [22] - 9:4, 10:5, 14:17,
15:1, 16:10, 17:18, 19:7, 19:12,
21:3, 21:15, 25:7, 35:12, 35:18,
36:3, 45:2, 50:4, 50:5, 51:19,
63:13, 70:5, 97:3, 100:4
STREET [44] - 2:3, 2:4, 2:6, 2:7,
2:9, 2:10, 2:12, 2:16, 2:18, 3:4,
3:7, 3:8, 3:10, 3:11, 3:14, 3:16,
3:17, 3:19, 4:4, 4:5, 4:8, 7:7,
8:17, 22:14, 24:7, 26:6, 28:9,
30:9, 34:12, 36:12, 40:12, 44:4,
54:7, 58:12, 60:12, 65:6, 70:2,
71:8, 72:19, 76:18, 79:1, 82:12,
85:5, 91:1
streetlight [2] - 92:11, 99:17
Streets [1] - 66:12
STREETS [118] - 1:8, 6:2, 6:6, 8:3,
    8:9, 8:13, 12:19, 13:11, 18:17,
20:4, 20:8, 21:16, 22:2, 22:6,
22:10, 23:7, 23:11, 23:15, 24:5,
25:3, 25:8, 25:11, 25:15, 25:19,
26:4, 27:15, 27:19, 28:7, 29:14,
29:18, 30:3, 31:16, 32:1, 32:19,
33:4, 34:4, 34:8, 35:3, 35:9, 36:8,
37:4, 38:6, 39:1, 39:12, 40:4,
40:8, 40:17, 41:4, 42:3, 42:7,
43:3, 43:7, 43:14, 45:6, 45:10,
```

$50: 2,52: 10,52: 14,53: 13,53: 18$, $54: 3,56: 15,58: 4,58: 8,59: 4$, 59:11, 60:4, 60:8, 64:8, 64:13, 64:17, 65:17, 66:2, 67:12, 68:2, 69:13, 69:17, 70:19, 71:4, 72:11, $72: 15,76: 2,76: 6,76: 10,76: 14$, $78: 1,78: 12,78: 16,79: 13,80: 5$, $80: 16,81: 4,81: 8,81: 12,82: 4$, $82: 8,84: 16,85: 1,87: 19,88: 4$, 88:8, 89:7, 89:12, 89:18, 90:3, $93: 5,93: 10,93: 16,94: 1,98: 12$, 101:6, 101:10, 102:4, 102:8,
106:18, 107:3, 107:8, 107:12
streets [2] - 12:18, 50:9
strike [1] - 93:3
structures [1] - 98:7
stub [2] - 23:3, 105:16
stuff [1] - 69:6
subanchor [1] - 103:12
subbase [1] - 95:14
submission [1] - 21:7
submissions [1] - 59:6
submit [3] - 19:4, 30:17, 67:10
submitted [3] - 38:14, 39:10
submitting [1] - 57:1
subscribe [1] - 108:12
sufficiently [1] - 100:16
suggest [1] - 106:10
suggestion [1] - 103:10
SUPERINTENDENT [118] - 1:8, 6:2,
$6: 6,8: 3,8: 9,8: 13,12: 19,13: 11$,
18:17, 20:4, 20:8, 21:16, 22:2,
$22: 6,22: 10,23: 7,23: 11,23: 15$,
$24: 5,25: 3,25: 8,25: 11,25: 15$,
25:19, 26:4, 27:15, 27:19, 28:7, $29: 14,29: 18,30: 3,31: 16,32: 1$, $32: 19,33: 4,34: 4,34: 8,35: 3$, $35: 9,36: 8,37: 4,38: 6,39: 1$, $39: 12,40: 4,40: 8,40: 17,41: 4$, $42: 3,42: 7,43: 3,43: 7,43: 14$, $45: 6,45: 10,50: 2,52: 10,52: 14$, $53: 13,53: 18,54: 3,56: 15,58: 4$, $58: 8,59: 4,59: 11,60: 4,60: 8$, $64: 8,64: 13,64: 17,65: 17,66: 2$, $67: 12,68: 2,69: 13,69: 17,70: 19$, $71: 4,72: 11,72: 15,76: 2,76: 6$,


| unless [1] - 104:5 | 51:2 |
| :---: | :---: |
| untagged [9] - 54:18, 54:19, 55:2, | water [2] - $30: 15,94: 2$ |
| 55:4, 55:12, 56:16, 57:13, 60:18, | week [3] - 12:12, 13:6, 13:16 |
| 70:6 | weeks [3] - 13:8, 20:16, 80:3 |
| $\underline{\text { up }}[21]-6: 16,14: 9,19: 11,41: 2$, | well-documented [2] - 19:15, 21:3 |
| 47:13, 49:14, 50:4, 51:10, 53:4, | west [4] - 30:13, 58:19, 60:16, |
| 61:10, 61:12, 62:11, 63:3, 75:2, | 61:12 |
| 81:3, 87:7, 91:11, 92:7, 97:19, | westerly [6] - 24:10, 26:10, 32:9, |
| 99:9, 100:6 | 66:12, 66:16, 91:6 |
| usual [1] - 36:2 | WHEREOF [1] - 109:10 |
| utilities [9] - 10:10, 12:17, 17: | whole [5] - 10:5, 14:11, 31:14, |
| 17:17, 18:7, 21:15, 53:7, 53:11, | 81:19, 104:8 |
| 80:9 | Wi [2] - 17:10, 51:5 |
| utility [6] - 10:19, 11:2, 12:4 | Wi-Fi [2] - 17:10, 51:5 |
| 19:19, 44:17, 53:7 | $\overline{\text { Wilcox }}[4]-10: 12,13: 1,18: 18$, |
| V | 20:5 |
| vacations [1] - 72:4 | WILLIAM [118] - $1: 8,6: 2,6: 6,8: 3$, |
| VATALARO [11] - 18:11, 33:12, 33:16, | 8:9, 8:13, 12:19, 13:11, 18:17, |
| $34: 1,35: 5,37: 6,37: 16,38: 1$, | 20:4, 20:8, 21:16, 22:2, 22:6, |
| $38: 4,38: 16,39: 16$ | 22:10, 23:7, 23:11, 23:15, 24:5, |
| verification [1] - 64:11 | $25: 3,25: 8,25: 11,25: 15,25: 19$, |
| verified [2] - 38:11, 39:7 | 26:4, 27:15, 27:19, 28:7, 29:14, |
| verify [4] - 63:16, 95:16, 97:5, | $29: 18,30: 3,31: 16,32: 1,32: 19$, |
| 101:13 | $33: 4,34: 4,34: 8,35: 3,35: 9,36: 8$, |
| Verizon [22] - 12:6, 14:9, 14:15, | $37: 4,38: 6,39: 1,39: 12,40: 4$, |
| 16:15, 26:16, 27:1, 27:2, 44:19, | $40: 8,40: 17,41: 4,42: 3,42: 7$, |
| $54: 16,54: 17,55: 18,82: 15,85: 9$, | $43: 3,43: 7,43: 14,45: 6,45: 10$, |
| 85:10, 88:19, 95:8, 96:17, 97:5, | $50: 2,52: 10,52: 14,53: 13,53: 18$, |
| 98:16, 99:10, 103:1, 106:3 | $54: 3,56: 15,58: 4,58: 8,59: 4$, |
| VERIZON [10] - 4:4, 4:5, 4:7, 4:8, | 59:11, 60:4, 60:8, 64:8, 64:13, |
| 4:10, 82:12, 85:5, 88:14, 91:1, | $64: 17,65: 17,66: 2,67: 12,68: 2$, |
| 102:12 | 69:13, 69:17, 70:19, 71:4, 72:11, |
| Verizon's [1] - 99:3 | $72: 15,76: 2,76: 6,76: 10,76: 14$, |
| VHB [2] - 9:11, 9:19 | $78: 1,78: 12,78: 16,79: 13,70: 5$, |
| via [1] - 24:14 | $80: 16,81: 4,81: 8,81: 12,82: 4$, |
| voltage [1] - 99:5 | 82:8, 84:16, 85:1, 87:19, 88:4, |
| vote [2] - 39:18, 42:1 | 88:8, 89:7, 89:12, 89:18, 90:3, |
| vote [2] 39:18, 12.1 | 93:5, 93:10, 93:16, 94:1, 98:12, |
| W | 101:6, 101:10, 102:4, 102:8, |
| waiting [2] - 7:16, 33:16 | WILLOW $[2]-4: 4,82: 12$ |
| walk [1] - 15:7 | Willow [1] - 82:16 |
| wall [2] - 16:4, 100:15 | window [1] - 47:16 |
| WASHINGTON [2] - $3: 4,44: 3$ | Windsor [1] - 22:18 |
| Washington [9] - 44:10, 44:17, 45:4, $45: 18,46: 5,47: 13,47: 18,49: 8$, | wire [3] - 97:3, 99:2, 99:5 |

```
wires [5] - 26:17, 95:2, 98:3, 98:4,
    99:3
wiring [2] - 69:8, 97:7
withdraw [3] - 41:18, 42:1, 84:12
WITNESS [1] - 109:10
wood [4] - 70:6, 95:1, 96:19, 97:16
wooden [3] - 106:4, 106:9, 106:11
word [4] - 13:4, 13:17, 18:18, 20:11
Works [5] - 10:8, 50:7, 50:11, 59:5,
    68:7
worth [2] - 15:5, 98:13
|}\underline{\underline{\mathbf{Y}}
years [3] - 35:13, 83:12, 84:1
```

