

Commission Members:
Nicole Murati Ferrer
Chairperson

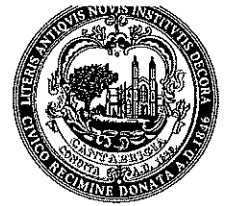
Jeya Niranjan
Acting Superintendent of Streets

Stephen Lenkauskas
City Electrician

CAMBRIDGE LICENSE COMMISSION

831 Massachusetts Avenue, First Floor, Cambridge, Massachusetts 02139

POLE AND CONDUIT COMMISSION



City of Cambridge

Elizabeth Y. Lint
Executive Director

MEETING MINUTES

For the Pole and Conduit Commission held on
Thursday, September 20, 2018
Michael J. Lombardi Building, 831 Massachusetts Avenue
Basement Conference Room

Meeting started at 10:02 a.m.

Commission Board Members (all present): Nicole Murati Ferrer, Stephen Lenkauskas, and Jeya Niranjan.

Staff Member Present: Elizabeth Y. Lint.

Public Testimony Matters

Matters may have been called out of the order in which they were listed on the posted agenda. The Board first hears all matters where members of the public wish to be heard and the representatives from the utilities are present.

Documents considered by the Board: As to all applications, the Board considered the application submitted to the Board and all documents attached thereto.

Decisions: All votes, unless otherwise indicated, were 3-0.

In addition, if the petition was "granted with typical conditions," those conditions are:

- (1) Must obtain Electrical Department Utility Permit and Department of Public Works ("DPW") Permits and comply with the provisions therein.
- (2) Must pay sidewalk preservation off-set fee.
- (3) Must coordinate site visit with DPW.
- (4) Must commence work within sixty (60) days of the grant and complete within six (6) months of the date of the approval.
- (5) Must comply with any amendment City agencies make to the issued permits after the *Acceptance Without Reservations* is filed.

1. Consideration of August minutes.

Decision: Approved.

2. Continuation from August 16, 2018, to allow the Commission to look further into petition. Comcast, 426 E. First Street, Boston, MA 02127, for the following: 1780 Massachusetts Avenue - From existing Comcast manhole, trench northerly 51' then westerly 69' and install (1) new 24" x 34" sidewalk vault. Continue trench 5' westerly to the private property line of **1780 Massachusetts Avenue**. Installing (1) 4" PVC conduit. This will include the removal and replacement of (2) sidewalk panels.

Present: Tim Corthell, Comcast.

Summary: This is existing service but the conduit is presently on private property and there is no easement, so there is a trespass issue. Massachusetts Avenue is still under moratorium, so it may not be excavated. There might be an option to dig in the sidewalk and go up Lancaster.

Decision: Continued to the next agenda to find an alternate route.

3. New Petition Comcast, 426 E. First Street, Boston, MA 02127, for the following: 26 Landsdowne Street – From existing Comcast manhole on **Franklin Street**, trench easterly 47' to the private property line of **26 Landsdowne Street** installing 1-4" PVC conduit. This will include the removal and replacement of 1 sidewalk panel.

Present: Tim Corthell, Comcast.

Summary: This is a small lateral from the previous dig which has already been approved.

Decision: Granted with all typical conditions.

4. New Petition Comcast, 426 E. First Street, Boston, MA 02127, for the following: 165 Putnam Avenue – Place new Comcast 3'X3' manhole over existing underground conduit at **165 Putnam Avenue**. Trench westerly 9' to the private property line of **165 Putnam Avenue**. Install 1-2" PVC conduit and 1-18"X30" sidewalk vault. This will include the removal and replacement of 1 sidewalk panel.

Present: Tim Corthell, Comcast.

Summary: The property is now being serviced aurally and the customer has requested that it go underground. The hand hole should be moved to the private property, at the property line and not on the sidewalk.

Decision: Granted with all typical conditions, and with the additional condition that the manhole be placed on private property and a revised plan is submitted.

5. **New Petition Comcast, 426 E. First Street, Boston, MA 02127**, for the following: **14 Pleasant Street** – From existing Comcast sidewalk vault, trench 9' northerly to the private property line of **14 Pleasant Street**. Installing 1-2" PVC conduit. This will include the removal and replacement of 2 sidewalk panels.

Present: Tim Corthell, Comcast.

Summary: This request is to put the existing conduit underground.

Decision: Granted with all typical conditions.

6. **New Petition Comcast, 426 E. First Street, Boston, MA 02127**, for the following: **85 First Street** – From Pole #2 on Hurley Street, trench 37' northerly to the private property line of **85 First Street**, installing 1-4" conduit. This will include the removal and replacement of 1 sidewalk panel.

Present: Tim Corthell, Comcast.

Summary: This is a new building that is currently under construction. Since the construction just started it is unlikely the work will start within 60 days of approval. Therefore, if approved, Comcast will have to request in writing, an extension of the grant. In addition, Comcast will have to include a 2-inch conduit or inner duct within a 4-inch conduit for the city.

Decision: Granted with all typical conditions, and the condition that space is left in the conduit for the City or a separate conduit for the City is included.

Discussion on Comcast non-noticed matter: Mr. Corthell inquired about the Holyoke Street project, at 2-4-6 Holyoke Street. A new drawing is to be submitted for this. Harvard had pushed the project back but is ready now. They are removing Mt. Auburn Street from the route. This was previously discussed at the March 15, 2018 Pole & Conduit meeting.

Decision: Acknowledged and approved.

7. **New Petition Cambridge Traffic, Parking and Transportation Department, 344 Broadway, Cambridge, MA 02139**, for the following: **Broadway & Ellery Street** – Install roughly 200 feet of conduit in the streets and sidewalks of **Broadway & Ellery Street** for new traffic signal.

Present: Dana Benjamin, representative for petitioner.

Summary: There is no signal at this location now, although there used to be an overhead flasher. This will allow the installation of a new traffic signal.

Decision: Granted with all typical conditions.

8. New Petition Cambridge Traffic, Parking and Transportation Department, 344 Broadway, Cambridge, MA 02139, for the following: **143 Main Street** – Install roughly 230' of conduit in the street and sidewalk in front of **143 Main Street** to energize new traffic signal.

Present: Dana Benjamin, representative for petitioner.

Summary: This was installed by MassDOT without Traffic, Parking and Transportation Department's knowledge or approval. Almost everything has been installed. There is supposed to be a hand hold installed before the manhole.

Decision: Granted with all typical conditions and an additional condition that a hand hold is installed.

9. New Petition Cambridge Department of Public Works, 147 Hampshire Street, Cambridge, MA 02139, for the following: **Broadway/Main Street** – Install electrical conduit in **Broadway/Main Street** median to support installation of convenience receptacles for seasonal lighting; illuminated bollards at new pedestrian crosswalk; and irrigation system for median landscaping. Construction to be performed by MassDOT as part of **Longfellow Bridge Project**. Conduit and all systems described above will be owned and maintained by City of Cambridge following completion of construction by MassDOT.

Present: Jerry Friedman, Supervising Engineer.

Summary: This conduit was already installed by JF White on behalf of the City of Cambridge, but the paperwork had not been filed.

Decision: Granted; no fee because this is a City job.

10. New Petition Verizon New England, 385 Myles Standish Boulevard, Taunton, MA 02780, for the following: **Cambridgepark Drive** – Place 6' of 2-4" conduit from exiting MH#26/595, northerly to property line.

Present: Bill Wallace on behalf of Verizon.

Summary: This is a breakout into the property line. It is within the scope of work associated with the property behind the fence. One of the 4-inch conduits is for the City.

Decision: Granted with all typical conditions.

11. Continuation from May 17, 2018 Need to review new route. Also, tabled until Sprint submits petition for conduit. Matters to be heard together. Lightower Fiber Networks, LLC, 80 Central Street, Boxborough, MA 01719, for the following: Thorndike and Fulkerson Streets – Installation of 138' +/- of (1) 4" PVC conduit and other supporting and protecting equipment from Level 3 MH#0515-0006 on Fulkerson Street in a southerly direction and transitioning easterly on Thorndike Street to a proposed Lightower 3'X3' manhole to intercept existing private property conduit belonging to the building at **25 Eighth Street.**

Present: Roman Rusin, on behalf of Lightower.

Summary: This relates to petition # 12 and had been continued because part of the work has to be done by Sprint. Sprint's representative did not appear at the hearing. However, Lightower presented it has already applied for all necessary licenses. Sprint is the entity responsible for bringing service from pole 37 into the building.

Decision: Granted with all typical conditions and provided all licenses are submitted to the Commission prior to the work being done.

12. New Petition SAC Wireless, 540 West Mountain – 9th Floor, Chicago, IL 60661, for the following: Thorndike and Fifth Streets: From the Lightower manhole on Thorndike Street, install +/- 60' of new 3" PVC underground conduit eastward down the sidewalk then turn north to meet the point of entry in the building at 25 Eighth Street.

Present: Roman Rusin, on behalf of Lightower.

Summary: Sprint failed to appear as it was under the impression that Mr. Rusin would be able to present the petition since it related to Lightower's petition. Questions as to the proposed route arose. This is a petition for underground conduit. 60 feet would be on the sidewalk and then the rest would go on private property. This is for the Cambridge Housing Authority. The street is going to be paved so DPW wants them to go straight in from the pole as it is only 4 feet. There needs to be a Sprint representative before the Commission to determine whether an alternate route would work.

Decision: Continued. Sprint has to arrange for a site meeting with DPW prior to the next Pole and Conduit meeting and a Sprint representative must appear before the Commission to present the petition.

13. New Petition Lighttower Fiber Networks, LLC, 80 Central Street, Boxborough, MA 01719, for the following: **399 Binney Street** – Starting at electric MH#C131 on **Binney Street** install 6' +/- of (1) 4" communication conduit northwesterly to proposed 14"X19" Crown Castle manhole and continuing 8' +/- to private property communication manhole.

Present: Roman Rusin, on behalf of Lighttower.

Additional Documents Considered by the Board: Copy of breakout letter from Eversource.

Summary: They are looking to come out of the electric manhole. They will put a hand hold and from the manhole onto private property. All the work would be on the sidewalk. Lighttower has the breakout letter from Eversource.

Decision: Approved (3-0) with all typical conditions. The hand hole is to be on private property at the back of the sidewalk.

14. New Petition Crown Castle Fiber, 80 Central Street, Boxborough, MA 01719, for the following: **Columbia Street** – Place 12"X24" handhole on **Columbia Street** near intersection of **Bishop Allen Drive**. Place 282' of (1)-4" SCH 40 PVC from proposed 12"X24" handhole to proposed 3'X3' vault on **Bishop Allen Drive** near **Douglass Street**. Place 182' of (4)-22/16MM HPDE from proposed 3'X3' vault to proposed 12"X24" handhole on **Douglass Street** in front of Pole #216/2. Place 7' of (1) – 4" SCH 40 PVC from proposed 12"X24" handhole to existing Pole #216/2.

Summary & Decision: This application was removed/abled by petitioner prior to the hearing but after the posting of the agenda.

15. New Petition Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139, for the following: **189 Vassar Street** – Install 4 new 5" PVC conduits encased in concrete to existing manhole MHW25. Conduits will feed new site at **189 Vassar Street**. MHW25 is located at southern most part of **Vassar Street**. Street will be excavated north approximately 20 feet to new jobsite at **125 Vassar Street**. Abutters are the same owners as the new project. Work to be done by State Electric.

Present: Jim Guiry, Walsh Brothers and MIT; Luke Rebiez, State Electric; and Steve Britko, WL French Excavating.

Summary: No discussion took place as there were no questions or issues with the petition as filed.

Decision: Granted with all typical conditions.

16. New Petition Cambridge Network Solutions LLC, 35 McGrath Highway, Somerville, MA 02143, for the following: **Fulkerson and Bent Street** – CNS is proposing to place approximately 2700' of fiber optic cable in existing Eversource conduit starting at or near **Fulkerson Street at 320 Bent Street**, easterly along **Binney Street** towards **Second Street** and ending at or near **215 First Street**. This fiber placement is to provide service to a customer at **215 First Street**.

Present: Jeffrey Harrington, on behalf of Cambridge Network Solutions.

Summary: This is a two-phase application (second portion to be submitted for the October meeting). The request is to utilize existing Eversource conduit. They are asking for permission to approach Eversource. They would trench to Binney Street to connect to an existing conduit and to install four 1 ¼-inch conduits, one of which is for the City. There already is an agreement to lease aerial and underground.

Decision: Continued to obtain licenses for the path through Eversource's manhole.

***Note/Discussion:** Petitions # 17 through 22 were considered individually but discussed together. They are the first six petitions of a large group of petitions that will be filed within the next months. All petitions relate to existing Crown Castle small cell locations but for which Crown Castle is requesting to replacing the current equipment with bigger equipment to add a carrier. There is no new fiber. The new carrier being added is Sprint. At the outset, petitions # 21 and 22 were continued as the abutters were not properly noticed.*

17. New Petition Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: **392 Franklin Street** – This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way **392 Franklin Street**. Pursuant to this Eligible Facilities Request Crown Castle proposes to replace the existing shroud with a new 70"H x 20" W x 18"D shroud, and the existing 24"H x 14.5" Ø antenna with a new 24"H x 15" Ø.

Present: Joe Shannon, Crown Castle; and Amanda Cornwall, Crown Castle.

Summary: This requires the same antenna but a larger shroud. The current pole will have to be fixed or replaced. If replaced, the existing pole must be removed – no double pole. The new shroud has baffling and better ventilation so there should be less noise emanating from them.

Decision: Continued to determine whether pole can be fixed or whether it needs to be replaced.

18. New Petition Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: **25 Granite Street** – This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way **25 Granite Street**. Pursuant to this Eligible Facilities Request Crown Castle proposes to replace the existing shroud with a new 70”H x 20”W x 18”D shroud, and the existing 48” x 8.16” Ø antenna with a new 48”H x 18” Ø antenna.

Present: Joe Shannon, Crown Castle; and Amanda Cornwall, Crown Castle.

Summary: This requires a larger shroud and antenna. This will separate the radios that are in there which will lessen the heat generated. The fans can be remotely lowered. If necessary, they go to the pole. An application for a special noise variance must be filed if work is to be done outside of allowable hours.

Decision: Granted with the following conditions: (1) the installation must conform to NSTAR’s DAS requirement; (2) must obtain a utility permit from Electrical Department; (3) must complete the work within 60 days of the grant; and (4) must obtain a crane permit from Department of Public Works.

19. New Petition Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: **287 Albany Street** – This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way **287 Albany Street**. Pursuant to this Eligible Facilities Request Crown Castle proposes to replace the existing shroud with a new 70”H x 20” W x 18”D shroud, and the existing 24”H x 14.5” Ø antenna with a new 24”H x 15” Ø.

Present: Joe Shannon, Crown Castle; and Amanda Cornwall, Crown Castle.

Summary: This will also require a larger shroud and antenna.

Decision: Granted with the following conditions: (1) the installation must conform to NSTAR’s DAS requirement; (2) must obtain a utility permit from Electrical Department; (3) must complete the work within 60 days of the grant; and (4) must obtain a crane permit from Department of Public Works.

20. New Petition Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: **18 Grant Street** – This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way **18 Grant Street**. Pursuant to this Eligible Facilities Request Crown Castle proposes to replace the existing shroud with a new 70”H x 20” W x 18” D shroud, and the existing 48” x 8.16” Ø antenna with a new 48” x 18” Ø antenna.

Present: Joe Shannon, Crown Castle; and Amanda Cornwall, Crown Castle.

Summary: This will also require a larger shroud and antenna.

Decision: Granted with the following conditions: (1) the installation must conform to NSTAR’s DAS requirement; (2) must obtain a utility permit from Electrical Department; (3) must complete the work within 60 days of the grant; and (4) must obtain a crane permit from Department of Public Works.

21. New Petition Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: **69 Dunster Street** – This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way **69 Dunster Street**. Pursuant to this Eligible Facilities Request Crown Castle proposes to replace the existing shroud with a new 70”H x 20”W x 18”D shroud, and the existing 48” x 8.16” Ø antenna with a new 48” x 18” Ø antenna.

Present: Joe Shannon, Crown Castle; Amanda Cornwall, Crown Castle; and Sarah Burks, City of Cambridge Historical Commission.

Summary: This was removed from the agenda at the hearing as Crown Castle did not properly notice the abutters. However, Sarah Burks spoke on behalf of the Historical Commission because this is within a conservation district.

Decision: Removed/withdrawn by the petitioner at the hearing for failure to properly notice abutters. Prior to refiling Crown Castle must meet with Historical Commission.

22. New Petition Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: **240 Green Street** – This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way **240 Green Street**. Pursuant to this Eligible Facilities Request Crown Castle proposes to replace the existing shroud with a new 70”H x 20”W x 18”D shroud, and the existing 48” x 8.16” Ø antenna with a new 48” x 18” Ø antenna.

Decision: Removed/withdrawn by petitioner at the hearing as Crown Castle did not properly notice the abutters.

23. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: **Spinelli Way** – Northerly from Manhole 3036, approximately 368 feet north of **Concord Avenue**, a total distance of about 330 feet – conduit. This work is necessary to supply power to **32-44 Spinelli Way** (W.O. 32243962).

Present: Rick Schifone, Eversource; Susan Barroso, Eversource; Joseph Sultan, owner of 32-44 Spinelli Way; and Jonathan Lavash, owner of 32-44 Spinelli Way.

Summary: A PM9 switch and transformer are being placed. There are already several cuts on this street and it would have to be paved. Eversource will either bear the cost or pass it on to the customer but the City cannot be affected. There would be excavation in the trench below; DPW has to be able to look at it.

Decision: Granted with all typical conditions, and the additional condition that the meeting with DPW must occur prior to the work being done to resolve all paving issues.

24. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: **Windsor Street** – Southwesterly from Pole 737/43, the intersection of **Market Street**, a distance of +/- (140) feet – conduit. This work is necessary to supply power to **243 Broadway** (W.O. #2241120).

Present: Rick Schifone, Eversource; and Susan Barroso, Eversource.

Summary: The building is being fed underground from Broadway, but they are asking for more load. They will be fed from the pole to the transformer, which will be on their property (in the manhole in the alley). The excavation will be on Windsor Street. The patch must be infrared rather than curb to curb as the 5 years is up in two months.

Decision: Granted with all typical conditions and the additional condition that they must use an infrared patch.

25. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: **Putnam Avenue** – At and westerly at the intersection of **Sidney Street**, a distance of about 2,448 feet – conduit and install 6 new manholes: **MHC30622, MHC30623, MHC30624, MHC30625, MHC30626, MHC30627** This work is necessary to supply power to **50 & 60 Albany Street** and MIT, Kendall Square, and Site 3 (W.O. #2235678 & 2247723).

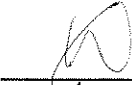

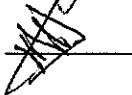
Present: Donald Grossman, owner 179 Sidney Street; Rick Schifone, Eversource; and Susan Barroso, Eversource.

Summary: This will not be a dig. This is a portion of a larger job that is now ready at the Putnam end. Mr. Grossman was concerned about some of the overhead wires in the area of Sidney and Erie Streets. It seems prudent to consider underground service at this time. There were recently emergency repairs made on a Sunday night, without notice, for a tilting pole. The poles are overloaded and compromised. The circuit being brought in is for MIT and is not the same as the one Mr. Grossman is on. Eversource has placed extra conduits for future use. If the overhead wires were to go underground, all property owners would have to agree and pay for the work to be done. It is a significant cost. In addition, there is limited space underground. The rest of the route has been determined and plans are being drawn up.

Eversource must get in touch with Cambridge Water Dept. as there is a 24" inch water transmission line in this area. They should get in touch with Steve Lush. DPW would like to do test pits first, on Putnam. DPW has identified a corridor they can use. DPW wants an inspector to be hired by MIT and approved by DPW, for this project. All the streets need to be milled and overlaid curb to curb. All pedestrian ramps must be ADA compliant.

Decision: Continued to October 18; prior to that meeting, Eversource needs to do a site meeting with DPW so that they can perform the test pits.

Board's Approval of Minutes:

NMF 
SL 
JN 

Date Minutes Approved: OCT 18 2018

Date Approved Minutes Posted: OCT 18 2018