

CAMBRIDGE LICENSE COMMISSION



Nicole Murati Ferrer
Chairperson

831 Massachusetts Avenue, First Floor, Cambridge, Massachusetts 02139

Stephen Lenkauskas
City Electrician

POLE AND CONDUIT COMMISSION

Terrence James Shea
Superintendent of Streets

Elizabeth Y. Lint
Executive Director

MEETING MINUTES

For the Pole and Conduit Commission

Meeting held on Thursday, February 28, 2019 at 10:00 A.M.

Michael J. Lombardi Building, 831 Massachusetts Avenue
Carmelia M. Vicente Conference Room (Basement Level)
Cambridge, Massachusetts

Commission Board Members Present: Nicole Murati Ferrer (present), Stephen Lenkauskas (present) and T.J. Shea (present).

License Commission Staff: Elizabeth Y. Lint.

Meeting Started at 10:04 a.m.

Public Testimony Matters

Matters were called out of the order in which they were listed on the posted agenda. The Board first heard all matters where representatives from the utilities were present and members of the public that wished to be heard.

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

Decisions: When matters are granted with "typical conditions," the Board is imposing the following conditions:

- (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. **Continuation from February 28, 2019, to pursue conduit lease options. Cambridge Network Solutions LLC, 35 McGrath Highway, Somerville, MA 02143, for the following: Hurley Street and First Street - Starting at Verizon MH#26/598 at the intersection of Hurley Street and First Street, trench and install 468' +/- of (2) 4" PVC conduits in a northerly direction on First Street, and place a new 3'x3' Cambridge Network Solutions Manhole to intercept the existing Cambridge Network Solutions conduit recently placed from the Crown Castle common trench at 1 Canal Park. **VP #30801****

Decision: This matter was continued prior to the hearing at the request of the petitioner.

2. **New Petition Crown Castle Fiber, 80 Central Street, Boxborough, MA 01719, for the following: Monsignor O'Brien Highway @ Edwin Land Boulevard - Starting at existing Crown Castle handhole #8, trench and install 329' +/- of (1) 4" communication conduit in a northeasterly direction to proposed Crown Castle 3'x3' MH#9; continuing 250' +/- to proposed Crown Castle 3'x3' MH#10, and continue northwesterly 11' +/- to existing electric MH#2841. Also, from proposed Crown Castle MH#10 trench and install 119' +/- (1) 4" communication conduit in a northwesterly direction to the building located at 17 Monsignor Highway. **VP #31788****

Present: Chris Finneran, Crown Castle.

Summary: Only the portion of Museum Way identified in the petition is City of Cambridge property, the rest is DCR and DOT property. Crown Castle has submitted applications for permits to DCR and DOT. Crown Castle will forward the breakout letter. The City requires a 4" conduit. The City has changed the address of this location to 4 Museum Way.

Decision: Granted with typical conditions and additional conditions of coordinating with the Green Line project, Public Works and adding a 4-inch conduit for the City of Cambridge. Additionally, any documents submitted must identify the location as 4 Museum Way.

3. **New Petition Crown Castle Fiber, 80 Central Street, Boxborough, MA 01719, for the following: Monsignor O'Brien Highway @ Third Street - Starting at Level 3 MH#3805 on Monsignor O'Brien Highway, trench and install 207' +/- of (2) 4" communication conduit in a southerly direction onto Third Street to the building located at 200 Monsignor O'Brien Highway. **VP #31601****

Present: Chris Finneran, Crown Castle.

Summary: The breakout letter will be provided through the electronic record of the petition. The proposed route is to go directly into the building. The City has an ongoing project in this location.

Decision: Granted with typical conditions, and additional coordination with Public Works.

4. **New Petition Level 3 Communications/Century Link, 300 Bent Street, Cambridge, MA 02141**, for the following: **Belmont Street @ Mt. Auburn Street** - Starting at Verizon MH#16/287 trench and install 63' +/- of (1) 4" communication conduit in a westerly direction to the city line with Watertown on **Mt. Auburn Street. VP #31971**

Decision: This matter was removed from the agenda at the request of the petitioner prior to the hearing.

5. **Continuation from September 20, 2018. Poles need to be replaced. 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" \emptyset antenna with a new 24"H x 15" \emptyset .

Decision: This matter was continued by the petitioner prior to the hearing.

6. **Continuation from October 18, 2018, for further review; issue with clearance with building. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043**, for the following: **Broadway Terrace** - This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way at **7 Broadway Terrace**, at the intersection of **Broadway Terrace and Inman Place** (Lat:42.370221000000001/Long:-71.104510000000005). 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" \emptyset antenna with a new 48" x 18" \emptyset antenna.

Decision: This matter was continued by the petitioner prior to the hearing.

7. **Continuation from January 31, 2019, at the request of the petitioner. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043**, for the following: **Mt. Auburn Street** - Crown Castle ("Crown") to conventional trench +/- 180' in an easterly direction from the existing Crown Castle Manhole at the intersection of **Mt. Auburn Street and Banks Street**, to the new concrete sidewalk pad on the **Mt. Auburn Street** side of the building with an address of **1100 Massachusetts Avenue**. Crown to install 190' of 4X1-14 tele duck and mule tape from Crown Castle Manhole to **1100 Massachusetts Avenue** and install +/- 425' Crown Castle 144 ct fiber from the existing manhole to the proposed panel inside **1100 Massachusetts Avenue. VP #30747**

Present: Joseph Shannon and Amanda Cornwall, Crown Castle.

Summary: This project is to tie Sprint in to the network. Mt. Auburn Street is a guaranteed street. Crown Castle needs to explore the Massachusetts side and look at alternative routes.

Decision: Continued to provide petitioner time to look at alternative routes.

8. Continuation from January 31, 2019, for further discussion. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: Hamilton Street - This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way at Utility Pole #8 on 128-130 Hamilton Street (Lat:42.35897/-71.10728). Pursuant to this Eligible Facilities Request, Crown Castle proposes to replace the existing shroud with a new 50"H x 30"W x 18"D shroud, and the existing 48" x 8.16" Ø antenna with a new 48" x 18" Ø antenna. VP #30742

Present: Joseph Shannon and Amanda Cornwall, Crown Castle.

Summary: These upgrades are larger but streamline the pole. They are much quieter and can be fixed remotely. There will be no new source of noise and there is noise dampening material in the shroud.

Decision: Granted with condition that a utility permit is required.

9. Continuation from January 31, 2019, for further discussion and verification of abutters notification on the original installation. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: Emmons Place - This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way at 3 Emmons Place (Lat:42.37699/-71.108865). 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. VP #30741

Present: Joseph Shannon and Amanda Cornwall, Crown Castle.

Summary: This was originally continued due to questions as to whether abutter notification was proper. After review of the records, there is confirmation that the abutters, and in particular the complaining abutter, were properly notified as to the original installation and the current petition. Notwithstanding, this location includes a private way.

Decision: Continued to obtain legal opinion from the Law Department as to whether the Commission has jurisdiction.

10. Continuation from January 31, 2019, for further discussion. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: Green Street - This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way at Utility Pole #44/23 on 521 Green Street (Lat:42.36769/-71.109161). Pursuant to this Eligible Facilities Request, Crown Castle proposes to replace the existing shroud with a new 50"H x 30"W x 18"D shroud, and the existing 48" x 8.16" Ø antenna with a new 48" x 18" Ø antenna. VP #30740

Present: Amanda Cornwall and Joseph Shannon, Crown Castle.

Summary: No discussion further than that of January 31, 2019 was had.

Decision: Granted with condition that a utility permit is required.

11. Continuation from January 31, 2019, for further discussion. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: Ellery Street - This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way on a Utility Pole #227/24 on Ellery Street near the corner of Ellery St. and Broadway (Lat:42.37287/-71.10969). Pursuant to this Eligible Facilities Request, Crown Castle proposes to replace the existing shroud with a new 50"H x 30"W x 18"D shroud, and the existing 24" x 15" Ø antenna with a new 24" x 15" Ø antenna. **VP #30738**

Present: Amanda Cornwall and Joseph Shannon, Crown Castle.

Summary: Eversource already has an antenna on this pole and it is unclear whether they will allow two antennas on the pole.

Decision: Continued to obtain clarification from Eversource as to whether an additional antenna can be attached to the pole.

12. Continuation from January 31, 2019, for further discussion. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: Acorn Street - This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way on a Utility Pole on Acorn Street near corner of Acorn and Putnam, between the properties of 9 Acorn and 515 Putnam Avenue (Lat:42.357815/-71.108876). Pursuant to this Eligible Facilities Request, Crown Castle proposes to replace the existing shroud with a new 50"H x 30"W x 18"D shroud, and the existing 24" x 15" Ø antenna with a new 24" x 15" Ø antenna. **VP #30737.**

Present: Amanda Cornwall and Joseph Shannon, Crown Castle.

Summary: No discussion further than that of January 31, 2019 was had.

Decision: Granted with the condition that a utility permit is required.

13. Continuation from January 31, 2019, for further discussion. Crown Castle NG East LLC, 67 Sharp Street – Unit 5, Hingham, MA 02043, for the following: Tufts Street - This Eligible Facilities Request involves an effort to collocate Transmission Equipment at an existing Base Station within a public right of way at Utility Pole #7 on Tufts Street between 14-20 Tufts Street (Lat:42.35733/-71.11135). Pursuant to this Eligible Facilities Request, Crown Castle proposes to replace the existing shroud with a new 50"H x 30"W x 18"D shroud, and the existing 48" x 8.16" Ø antenna with a new 48" x 18" Ø antenna. **VP #30735**

Present: Amanda Cornwall and Joseph Shannon, Crown Castle.

Summary: There is wear to the antenna due to being hit with tree branches. Crown Castle is to contact the City Arborist to determine if any branches should be cut or trimmed.

Decision: Continued to allow petitioner time to discuss with City Arborist.

14. Continuation from November 15, 2018, for clarification from the City Solicitor. Extenet Systems, Inc, 100 Apollo Drive, Suite 303, Chelmsford, MA 01824, for the following: **57 Gorham Street - Attach small cell antenna shroud just above top of the pole; attach radio shroud approximately 13.5' above the ground and connect to existing power supply. Third party vendor to bring fiber to the pole. **VP #25038****

Decision: This matter was continued by the petitioner prior to the hearing.

15. Continuation from December 20. Test pits may commence with the installation of manholes subject to permitting and continued site meetings with DPW. Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: **Sidney Street - Northeasterly from **Putnam Avenue** thence turning southeasterly on **Erie Street**, a distance of about 740 feet - conduit. Install one new Manhole 30628.**

Erie Street -Southeasterly from **Sidney Street**, thence turning northeasterly on **Waverly Path**, a distance of 305 feet of conduit turning northeasterly on **Waverly Path**. Install one new Manhole 30629.

Waverly Path - Northeasterly from **Erie Street** to **Pacific Street**, approximately 900 feet of conduit.

Install one new Manhole 30630.

Install one new Manhole 30631.

Install one new Manhole 30632.

Pacific Street - Northeasterly from **Waverly Path** to **Purrington Street**, a distance of 45 feet of conduit.

Albany Street - Easterly from **Cross Street** thence turning south at the intersection of

Massachusetts Avenue, a distance of about 681 feet - conduit. Install one new Manhole 30635.

Massachusetts Avenue - Southeasterly from **Albany Street**, a distance of approximately 50 feet of conduit. This work is necessary to supply power to **50 & 60 Albany Street** and MIT, Kendall Square, Site 3 (W.O. #2235678 & 2247723). **VP #29131**

Present: Jackie Duffy, Eversource; and Gary Amberik, Redgate, representing MITMCO.

Summary: Eversource is still waiting for the MWRA permits. There is an executed agreement between MIT and Eversource for Purrington Street. Test pits are ongoing. Putnam Street has been approved but work has not started. The City would like a 4" conduit added to the duct bank, or an existing one designated for the City. DPW would like to see results of the test pits. An arborist must be on site for Waverly Path. Mr. Ambarik was present to provide support to the grant of the petition.

Decision: Granted with typical conditions and additional conditions of: (1) must have a 4" conduit for the City – either by designating one of the existing ones for the City or adding an additional one for the City; (2) must provide DPW with the information received/collected from the test pits; and (3) must coordinate with the City Arborist for the Waverly path.

16. Continuation from January 31, 2019, for recommendation to utilize Memorial Drive as an alternate route. Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Memorial Drive - Easterly from MCH 796, approximately 369 feet west of Memorial Drive to install approximately 378 feet of conduit (W.O. #2264694). VP #30429

Present: Jackie Duffy, Eversource.

Summary: This was originally continued to provide Eversource time to identify an alternate route. To date, Eversource has not identified another route.

Decision: Continued to provide Eversource additional time to find an alternate route.

17. Continuation from January 31, 2019, for clarification. Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Albany Street - At, and southwesterly from MHC 22, at the intersection of Massachusetts Avenue, install approximately 326 feet—conduit (W.O #2263908). VP #30626

Present: Jackie Duffy, Eversource.

Summary: This was originally continued to provide Eversource time to identify an alternate route. To date, Eversource has not identified another route.

Decision: Continued to provide Eversource additional time to find an alternate route.

18. Continuation from January 31, 2019, for review of 4X4 box culvert and tree location. Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Camp Street - Northeasterly from Pole 118/4, approximately 207 feet southwest of Seven Pines Avenue to install approximately 18 feet—conduit (W.O. #30618). VP #30618

Present: Jackie Duffy, Eversource.

Summary: The drainage of the area is on the opposite side of the road so there is no issue with the proposed location. There is a tree at the location and there has to be a three-foot separation from it. This will require coordination with the City Arborist.

Decision: Granted with typical conditions, and additional condition that petitioner must contact the City Arborist prior to any installation taking place.

19. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Green Street - Southeasterly from Pole 311/42, approximately 100 feet northwest of Pleasant Street, to install approximately 20 feet --conduit. **VP #31839**

Present: Jackie Duffy, Eversource.

Summary: This is for an electric vehicle charging station. The plan has already been reviewed by Electrical and Public Works Departments.

Decision: Granted with typical conditions, and additional condition that there must be a full panel replacement.

20. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Ridge Avenue - Easterly from pole 587/61, approximately 530 feet east of Alewife Brook Parkway, to install approximately 104 feet --conduit. **VP #31893**

Present: Jackie Duffy, Eversource.

Summary: This is for an electric vehicle charging station.

Decision: Granted with typical conditions, and additional condition that the petitioner must contact the Conservation Commission prior to any work being done.

21. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Pacific Street - Northwesterly from MH#1226, approximately 250 feet southeast of Brookline Street, to install 176 feet --conduit. **VP #31892**

Present: Jackie Duffy, Eversource, Tom Clark, property owner and Phil Cunningham, Ledgemore.

Summary: There will be a pad mount on the property. There will need to be curb-to-curb paving as Pacific Street was paved within the last 5 years, unless the work is done on the sidewalk.

Decision: Granted with typical conditions, and the additional condition that there will be curb-to-curb paving, unless the work can be done on the sidewalk. Petitioner advised that if it intends to

start the work during the moratorium, it must send a letter to the Commissioner of Public Works to seek approval.

22. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Garden Street - Northeasterly from pole 293/89, approximately 105 feet east of Ivy Street, to install approximately 8 feet --conduit. **VP #31840**

Present: Jackie Duffy, Eversource.

Summary: This is for an electric vehicle charging station.




Decision: Granted with typical conditions, and additional condition that the petitioner must contact the City Arborist prior to any work being done.

23. New Petition Nstar Electric Company, 10 Linwood Street, Somerville, MA 02143, for the following: Green Street - Northwesterly from pole 311/33, approximately 110 feet southeast of Pleasant Street, to install approximately 36 feet --conduit. **VP #31838**

Present: Jackie Duffy, Eversource.

Summary: This is for an electric vehicle charging station. The proposed route includes a guaranteed street.

Decision: Continued to provide Eversource time determine if they can do the work on the sidewalk.

NMF		Board's Approval of Minutes:	
SL		Date Minutes Approved:	<u>MAR 21 2019</u>
TJS		Date Approved Minutes Were Posted:	<u>MAR 21 2019</u>