

Commission Members:

Nicole Murati Ferrer

Chairperson

Stephen Lenkauskas

City Electrician

Terrence J. Shea

Superintendent of Streets

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 of the Pole and Conduit Commission
Thursday, August 15, 2019 at 10:00 A.M.
Michael J. Lombardi Building, 831 Massachusetts Avenue
Basement Conference Room

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

Meeting Started at 10:00 a.m.

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 matters granted had, at a minimum, the following conditions (also known as "typical 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.

All votes, unless otherwise noted, were 2-0.

1. **New Petition (53120) Comcast**, 426 E. First Street, Boston, MA 02127, for the following: **50 Cambridgepark Drive** - From existing capped conduit in the sidewalk, trench southerly +/- 8' in the public way. Installing 1-4" PVC conduit to the property line of **50 Cambridgepark Drive**. This will include the removal and replacement of 2 sidewalk panels. [Time Stamp: 0:050]

Present: Tim Corthell on behalf of the petitioner.

Summary: The only excavation is to pick up the existing conduit. There is no handhole in the sidewalk.

Decision: Granted with all conditions and permits.

2. **New Petition (53121) Comcast**, 426 E. First Street, Boston, MA 02127, for the following: **750 Main Street** - Place new Comcast manhole over existing conduit on **Windsor Street** to access riser Pole #651/10. From newly placed MH, trench easterly on **State Street** +/-118' and install 1 new sidewalk vault. From newly placed SW vault, trench easterly on **State Street** +/- 263' and place 1 new manhole

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over existing conduit. Installing 2-4" PVC conduits full distance +/-381'. This will include the removal and replacement of 1 sidewalk panel. **[Time Stamp: 2:30]**

Present: Tim Corthell on behalf of the petitioner.

Summary: DPW moved to continue this so that test pits can be done and to be sure there is a corridor there.

Decision: Continued. Must obtain DPW excavation permit to perform test pits.

3. **New Petition (53122) Comcast**, 426 E. First Street, Boston, MA 02127, for the following: **7 Beech Street** - Place new Comcast manhole over existing conduit on **Beech Street** to access conduit. From newly placed MH, trench north westerly on Beech Street +/-14' installing 1-4" PVC conduit to the property line of **7 Beech Street**. This will include the removal and replacement of the brick sidewalk to same or better condition. **[Time Stamp: 3:30]**

Present: Phil Terzis and Tim Corthell on behalf of the petitioner.

Summary: The work needs to be coordinated with projects in the area. They must also obtain an 8M permit as there is an MWRA water main there.

Decision: Granted with typical conditions and permit and site visit with DPW.

4. **Continuation from June 20, 2019**, to do a test pit and allow applicant time to submit updated plan and any changes to the current application. **(VP 49197) Cambridge Network Solutions LLC**, 35 McGrath Highway, Somerville, MA 02143, for the following: **Main Street at Broadway** - Trench and install 325'+/- of (2) 4' communication conduits easterly from existing private property conduit in the sidewalk at **100 Main Street** to the existing Level 3 MH#0515-1302 on **Main Street**. **[Time Stamp: 5:00]**

Present: Jeff Harrington on behalf of the petitioner. Gary Amberik, Redgate, project manager for MIT.

Summary: Four test pits were successfully performed immediately adjacent to the area. The results will be uploaded. They dug against the curb along their path. There is 38" of depth. They have a minimum of 18" of cover. They know they are on top of the MBTA tunnel and to the granite curb. Work would be in the bike lane. They will resurface the lane. There are no handholes. One conduit would be for the city. They will cooperate with anyone else who is interested. They need to create a diverse carry path.

Decision: Granted with typical conditions. Must coordinate work with Ames Street steam work and detours.

5. **New Petition (53142) Cambridge Network Solutions LLC**, 35 McGrath Highway, Somerville, MA 02143, for the following: **25 Tudor Street** - Starting at utility pole #47/1 on **Tudor Street**, trench and install (1) 4" PVC communication conduit 80'+/- southwesterly to the existing private property conduit belonging to **130 Brookline Street**.

This matter was permanently removed from the agenda prior to the hearing but after posting of the agenda.

6. **New Petition (52096) Crown Castle Fiber**, 1800 West Park Drive, Westborough, MA 01581, for the following: **Hancock Street** - Intercept existing Crown Castle conduit on **Hancock Street** and install a new 3'x3' Crown Castle handhole and trench and install 21' +/- of (1) 4" PVC communication conduit southeasterly to the building located at **907 Massachusetts Avenue**. [9:45]

Present: Bob Walls on behalf of the petitioner.

Summary: They are looking to intercept their existing 4" conduit and cross over it with a 3' X3'. This is for new service at the building.

Decision: Granted with typical conditions. DPW wants the trench milled and infrared overlay. Must coordinate with Eversource.

7. **Continuation from July 25, 2019**, to provide applicant time to file additional necessary application for the pole attachment. (VP 50182) **Crown Castle NG East LLC**, 1800 West Park Drive, Westborough, MA 01581, for the following: **Centre Street** - Starting at utility pole #125/4 on **Centre Street**, trench and install (1) 3" conduit 21'+/- southerly to proposed 17"x30" Crown Castle handhole and continue 11'+/- to the building located at **929 Massachusetts Avenue/10 Centre Street**. [Time Stamp: 11:46]

Present: Bob Walls on behalf of the petitioner.

Summary: The Verizon and Eversource licenses have been uploaded. The excavation is from the pole to the back of the sidewalk. The rest is private property.

Decision: Approved with typical conditions. Crown Castle was reminded that they are required to apply for a grant of location even if they have a license.

8. **Continuation from January 31, 2019**, to resolve the noise issue and obtain formal written confirmation from **Nstar/Eversource** that the double antenna is allowed. Tolling agreement made. (VP 30738) **Crown Castle NG East LLC**, 1800 West Park Drive, Floor 2, Westborough, MA 01581, 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. [Time Stamp: 15:02]

Present: Joe Shannon, Mike Buccini and Amanda Cornwall on behalf of the petitioner.

Summary: They are waiting for a letter from Eversource to see if they can have 2 antennas on the pole, despite the rule. They have resolved the noise issue.

Decision: Granted with all typical conditions and permit from the electrical department.

9. **Continuation from May 16, 2019**, to have Pole 21 evaluated and Pole 20A (double pole) removed. Tolling agreement made. (VP 45834) **Crown Castle NG East LLC**, 1800 West Park Drive, Floor 2, Westborough, MA 01581, for the following: **Spring Street and Second Street** - Proposing to attach small cell site equipment to existing 35'5" wood utility pole (Pole #16) on the NE corner of **Spring Street** and **Second Street** (nearest address **9 Spring Street**). Fiber optic cable will feed aerial via overlashing to currently licensed poles on **Spring Street**. [Time Stamp: 16:45]

Present: Joe Shannon, Mike Buccini and Amanda Cornwall on behalf of the petitioner.

Summary: This application and the next 4 don't comply with the ordinance as to height and shroud size. All of them won't comply as the poles are too high. Once they put an antenna on it, it will be over 30'. The shroud they are proposing is taller but thinner and sits tighter to the pole. Crown Castle feels that volume is a better way to determine shroud size rather than just dimensional. If you calculate using volume, it is a little smaller. This would also make colocation difficult. They also can't mount them street side as the policy prevents this.

Decision: All petitions (9-13) tolled until September so that the shroud and the height can be reviewed.

10. **Continuation from May 16, 2019**, for more evaluation and clarification. Tolling agreement made. (VP 45830) **Crown Castle NG East LLC**, 1800 West Park Drive, Floor 2, Westborough, MA 01581, for the following: **78 Spring Street** - Proposing to attach small cell site equipment to existing 29'1" utility pole(Pole #645/18) in front of **78 Spring Street**. Fiber will be fed aerial via overlashing to currently licensed poles on **Spring Street**.

11. **Continuation from May 16, 2019**, to provide applicant time to show how power is being fed. Tolling agreement made. (VP 45816) **Crown Castle NG East LLC**, 1800 West Park Drive, Floor 2, Westborough, MA 01581, for the following: **Gore Street and Lambert Street** - Proposing to attach small cell site equipment to existing 26'8" wood utility pole(Pole #30) at NW corner intersection of **Gore Street** and Lambert Street. Fiber optic cable will feed aerial via overlashing to currently licensed poles on **Gore Street**.

12. **Continuation from May 16, 2019**, to provide information to the Commission as to why the shroud is placed home side. Tolling agreement made. (VP 45824) **Crown Castle NG East LLC**, 1800 West Park Drive, Floor 2, Westborough, MA 01581, for the following: **Jay Street** - Proposing to attach small cell site equipment to existing 28'2" wood utility pole(Pole #22) in front of **71 Jay Street**. Fiber optic cable will feed aerial via overlashing to currently licensed poles on **Bay Street and Kinnard Street**. GOL to include 4 poles on **Kinnard Street** and 1 pole on **Jay Street**.

13. **Continuation from May 16, 2019**, to allow applicant to speak to City arborist about location and branches. Tolling agreement made. (VP 45808) **Crown Castle NG East LLC**, 1800 West Park Drive, Floor 2, Westborough, MA 01581, for the following: **Columbia Street** - Proposing to attach small cell site equipment to existing 33'8" wood utility pole(P.NT) in front of **266 Columbia Street**. Fiber optic cable

will feed aerial via overlashing on two currently licensed poles on **Market Street**, north on **Columbia Street** on Pole #20, to cell site on Pole NT. GOL to include the two poles on **Columbia Street**.

14. **Continuation from June 20, 2019.** DPW moved to continued, to review. **(VP 48697) Nstar Electric Company**, 10 Linwood Street, Somerville, MA 02143, for the following: **Water Street** - Northeasterly from **Monsignor Obrien Highway**, continuing through **MHC3664**, to **MBTA property line**, to install approximately 100-foot conduit. **[Time Stamp: 24:05]**

Present: Susan Barroso and Jackie Duffy on behalf of the petitioner.

Summary: They will be supplying power to the new MBTA station at North Point. This needs to be walked to confirm corridors before this can be approved. Jeff Harrington stated they may potentially have to dig on Water Street and wants to know if they can coordinate with them.

Decision: Continued to meet with Jim Wilcox.

15. **Continuation from July 25, 2019.** **Nstar/Eversource** did not appear at the hearing and DPW is still in plan review stage. **(VP 51776) Nstar Electric Company**, 10 Linwood Street, Somerville, MA 02143, for the following: **Windsor Street** - Southerly from MH744, continuing through new MHC30849 to install approximately 364 feet conduit.

State Street- Easterly from Pole 651/7 continuing through new MHC30849, and on to MCH814 and MHC29436, to install approximately 744 feet conduit. **[Time Stamp: 26:30]**

Present: Susan Barroso and Jackie Duffy on behalf of the petitioner.

Summary: The service will be going from overhead to underground for 750 Main Street. DPW has potential sewer and water main work there. Must have a site visit prior to approval to confirm there are available corridors.

Decision: Continued.

16. **Continuation from July 25, 2019.** **Nstar/Eversource** did not appear at the hearing and DPW is still in plan review stage. **(VP 51779) Nstar Electric Company**, 10 Linwood Street, Somerville, MA 02143, for the following: **Windsor Street** - Westerly side, approximately 115 feet south of **Main Street**, to install new temporary pole 737/11.

Windsor Street - Westerly side, from new temporary pole 737/11, to install approximately 126 feet conduit. **[Time Stamp:28:00]**

Present: Susan Barroso and Jackie Duffy on behalf of the petitioner.

Summary: This is to supply temporary power. This will be a pad mount transformer.

Decision: Temporary pole and conduit approved with all typical conditions. Temporary pole to be removed at completion of project.

17. **New Petition (VP 53230) Nstar Electric Company**, 10 Linwood Street, Somerville, MA 02143, for the following: **24 Berkshire Street** - Northeasterly from Pole 65/5, near the intersection of **Plymouth Street**, to install approximately 43 feet of conduit. **[Time Stamp: 31:55]**

Present: Susan Barroso and Jackie Duffy on behalf of the petitioner.

Summary: This is new underground service. There is no transformer on the property. Electrical questioned why wouldn't this go down Berkshire toward Cambridge Street so as to avoid the intersection.

Decision: Continued to look for an alternate routes.

18. **New Petition (VP 53240) Nstar Electric Company**, 10 Linwood Street, Somerville, MA 02143, for the following: **799 Concord Avenue** - Westerly from MCH1367, approximately 458 feet east of **Griswold Street**, to install approximately 64 feet of conduit. **[Time Stamp: 34:20]**

Present: Susan Barroso and Jackie Duffy on behalf of the petitioner.

Summary: This is supplying 100 amp service to the gas station. It would be going down the bike lane.

Decision: Approved subject to all typical conditions and permits and a site visit with DPW.

19. Consideration of July minutes.

Decision: Approved.

Board Voted: 8/15/19

Date Minutes Posted: SEP 19 2019

(100 vote)
Nicole Murati Ferrer

(See page 1)
Stephen Lenkauskas

(See page 1)
T.J. Shea