

Nicole Murati Ferrer
Chairperson

Mark Melo
City Electrician

Terrence James Shea
Superintendent of Streets

CITY OF CAMBRIDGE

POLE AND CONDUIT COMMISSION

831 Massachusetts Avenue, Cambridge, Massachusetts 02139



POLE AND CONDUIT COMMISSION MEETING AGENDA

Thursday, August 18, 2022, at 10:00 A.M.

This meeting is being held by remote participation in accordance with Section 20 of Chapter 20 of the Acts of 2021, signed into law on June 16, 2021.

This meeting may be viewed live by the public by using the following ZOOM link:

https://cambridgema.zoom.us/webinar/register/WN_rsyHvEFHQbmOtfolvEyC2A

- 1. Discussion on possible amendment to the Small Cell Policy as it relates to the aesthetic requirements.**
- 2. New Petition (188842) Cambridge Electrical Department, 250 Fresh Pond Parkway, Cambridge, MA 02138**, for the following: **Binney Street** - Capture area of **Binney Street** sidewalk using temporary fence panels. Removal of the existing concrete sidewalks. Dig and trench for the installation of new conduits and light bases. Grade and compact sidewalk subgrade after conduits installed (Total time for this should be 10 days). Replace concrete sidewalk after completion of backfill. Remove fence panels and re-open sidewalk (Total time for this should be 5 days). Police detail will be onsite at all times and will assist as needed.
Electrical Scope:
Request shut down with Mark Melo and Demo existing light poles (1 day). Cut in and installation of new (2") schedule 80 conduit raceways to (3) new pole bases from the existing City of Cambridge light pole hand hole. Tap off (2) new #4 RHH/RHW feeders through conduit and up the new base. Neatly coil for re-installation of light pole. Request shutdown, hoist light pole on to new base location and terminate wires (1 day). CFD Inspection.
- 3. Continuation from July 15, 2022, for further coordination and common trench. (183385) Comcast, 426 E. First Street, Boston, MA 02127**, for the following: **Binney Street** - Installation of approximately 290 linear feet of (6) 4" telecom conduits to facilitate the construction of the building at **290 Binney Street**. Comcast offered to be the lead company for the common trench at the June 16, 2022, hearing for VP#179630.
- 4. New Petition (188624) Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581**, for the following: **Binney Street** - Installation of (1) 4" telecom conduit to facilitate the construction of the new building at **290 Binney Street**. This is part of the common trench build for Comcast petition #183385 that was continued at the July 28, 2022, hearing.
- 5. Continuation from July 15, 2022, for common trench. (184788) Verizon New England, 385 Myles Standish Boulevard, Taunton, MA 02780**, for the following: **Binney Street** - Verizon to place approximately 260' feet of new conduit and a new manhole on **Binney Street** to accommodate construction of a new building.

6. **New Petition (188941) Cambridge Department of Public Works, 147 Hampshire Street, Cambridge, MA 02139**, for the following: **Binney Street** - Install +/- 180 LF of (2) 2" conduit from the new building constructed at **290 Binney Street** and **250 Binney Street** to a sewer manhole within **Binney Street** related to power and communications for a sewer sensor, required by Cambridge DPW.
7. **New Petition (189059) Boston Properties 800 Boylston Street, Suite 1900, Boston MA 02199-8103**, for the following: **Binney Street** - Installation of approximately 158 linear feet of (2) 4" telecom conduit in coordination with Verizon to facilitate the construction of the proposed new building at **290 Binney Street**. Verizon provided common trench letter.
8. **New Petition (189061) Boston Properties 800 Boylston Street, Suite 1900, Boston MA 02199-8103**, for the following: **Broadway** - Installation of approximately 231 linear feet of (2) 4" telecom conduit to facilitate construction of the new proposed building at **105 Broadway** (future **135 Broadway**) in coordination with Comcast. Comcast provided the common trench letter.
9. **New Petition (189040) Cambridge Network Solutions, 35 McGrath Highway, Somerville, MA 02143**, for the following: **Broadway** - Install (1) 4in conduit from private property manhole on the property of **135 Broadway** to a private property manhole on the property of **115 Broadway**.
10. **Continuation from July 15, 2022. Comcast will submit new design. (184792) Comcast, 426 E. First Street, Boston, MA 02127**, for the following: **Pleasant Street** - Starting at utility pole #550/23 on **Pleasant Street**, trench northeasterly 79' to the private property line of **46 Pleasant Street**, installing (1) 2" PVC conduit. All work will be completed by the property owner/contractor.
11. **New Petition (188615) Comcast, 426 E. First Street, Boston, MA 02127**, for the following: **Allston Street** - Starting at pole #9/19 on **Allston Street**, trench northeasterly 4' to the private property line of **159 Allston Street**, installing (1) 1.5" PVC conduit. The conduit has already been installed by the contractor. This goes along with Eversource petition #179183 that was approved at the July 28, 2022, hearing.
12. **New Petition (188620) Comcast, 426 E. First Street, Boston, MA 02127**, for the following: **Cottage Street** - Starting at pole #176/17 on **Cottage Street**, trench northeasterly 5' to the private property line of **43 Cottage Street**, installing (1) 1.5" PVC conduit. The conduit has already been installed by the contractor/property owner. this goes with Eversource petition #183842 that was continued at the July 28, 2022, hearing.
13. **New Petition (189281) Comcast, 426 E. First Street, Boston, MA 02127**, for the following: **Lakeview Avenue** - From pole 417/34, trench easterly 42' +/- to the property line of **207 Lakeview Avenue** installing 1-2" PVC conduit. Conduit has already been installed as part of common trench, Property owner is responsible for trenching and all city restoration and all fees.
14. **Continuation from August 19, 2021, for submission of new drawing/design. (136065) Cambridge Network Solutions, 35 McGrath Highway, Somerville, MA 02143**, for the following: **32 Vassar Street** - Place cable in Verizon conduit.

- 15. Continuation from February 17, 2022, to allow petitioner to submit a new design. (161933)** Cambridge Network Solutions, 35 McGrath Highway, Somerville, MA 02143, for the following: **Vassar Street** - The installation of underground cable and conduit beginning at the existing Utility Pole #85 and continuing to the point where it reaches the property of **620 Memorial Drive**; approximately 88 feet.
- 16. New Petition (188982)** Cambridge Network Solutions, 35 McGrath Highway, Somerville, MA 02143, for the following: **Main Street** - Install (2) 4in conduits 101' from the new private property telecom manhole on the property of **600 Main Street**, Cambridge MA, to Level 3 manhole 0515-2702 on **Albany Street** through the asphalt roadway and concrete sidewalk.
- 17. New Petition (188984)** Cambridge Network Solutions, 35 McGrath Highway, Somerville, MA 02143, for the following: **Cambridgepark Drive** - Install (1) 4in conduit for 14' from the Verizon manhole on **Cambridgepark Drive** to the CATV manhole in the driveway.
Install (1) 4in conduit for 13' from the CATV manhole in the driveway to the new 3x4 manhole on the property of **101 Cambridgepark Drive**.
- 18. Continuation from May 19, 2022, for further review. (174126)** Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581, for the following: **Main Street** – This is an equipment upgrade from a 24"h x 14" width antenna, with a 60 x 14 x 8.5 cabinet to a 24"h x 14" width antenna, with a 70.1h x 22.7 w, 21.5 d, with one 19.4 x 9.6 x 6.9 5G antenna (associated with VP 140548).
- 19. Continuation from July 15, 2022, for further review. (184670)** Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581, for the following: **Sidney Street** - The proposed physical dimensions of the proposed upgrades would be keeping the 48"h x 8.16" diameter antenna and adding a (3) panel antenna array of 19.4" h x 9.6" w x 6.9" d antennas. The equipment cabinet would be upgraded to a 70.1" h x 22.7" w x 21.5"d equipment cabinet.
- 20. Continuation from July 15, 2022, for further review. (184672)** Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581, for the following: **Massachusetts Avenue** - The proposed modification includes the existing 48" h x 8.16" diameter antenna and upgrades the site with (2) panel antenna array with antennas of 19.4" h x 9.6" w x 6.9" d. The equipment cabinet will also be upgraded to a 70.1"h x 22.7"wx21.5"d cabinet.
- 21. Continuation from July 15, 2022, for further review. (185603)** Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581, for the following: **Main Street** - Crown Castle is seeking that the requirement on a 6-foot distance (V.C.5) from the installation from the building to be waived and that the size restriction of a 36"x18"x12" equipment cabinet (VII.B) be waived. Currently the pole is 82" from the building. With the proposed equipment cabinet of a depth of 21.5" the installation would be 60.5" or 5 feet from the building. Crown is requesting a waiver on these two requirements as a larger cabinet is needed to support the equipment and future colocation efforts within the City. Please see attached EME report which shows that the exposure to the building is within FCC limits. Aesthetically the antennas and equipment would be above the window lines of the adjacent building so there would be no impact to views outside.

22. **New Petition (188508) Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581**, for the following: **Vassar Street** - The proposed modification is an installation of a (2) panel antenna array, with each antenna being 19.4" h x 9.6" w x 6.5" d.
23. **New Petition (188515) Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581**, for the following: **Massachusetts Avenue** - Crown Castle is proposing to install a (2) panel antenna array where each antenna is 19.4" h x 9.6" w x 6.9" d.
24. **New Petition (188517) Crown Castle NG East, 1800 West Park Drive, Marlborough, MA 01581**, for the following: **Cambridge Street** - The proposed installation is a (3) panel antenna array where each of the antennas are 19.4" h x 9.6" w x 6.9" d.
25. **Continuation from July 15, 2022, for better survey showing existing utilities in the roadway. (181012) Verizon New England, 385 Myles Standish Boulevard, Taunton, MA 02780**, for the following: **Main Street** - Verizon to trench roadway 762 feet from MH26/19 to MH26/20 to MH26/21 on **Main Street** to place and splice new conduit.
26. **New Petition (187540) Eversource Energy, 247 Station Drive, SE 210, Westwood, MA 02090**, for the following: **Western Avenue** - Beginning 40' west of **Putnam Avenue** curb, extending 100' +/- along/within south side of **Western Avenue** sidewalk, install one (1) Mechanical Cabinet, replace gas regulator pit(s) with new Control, Monitor and Slam Shut, interconnect with buried 4" CSHP, 6" PHD HP, 8" CS LP, 12" CS/HDPE LP, supply/main line(s) & conduit. Install one (1) hand hole & one (1) electrical cabinet approx. 60' east of **Blackstone Street**. within sidewalk, connected with 1 1/4" rigid conduit. Cabinets to be protected with bollards (2 each). Connect communication line(s), transmitters & vents. Work required to improve/upgrade Control Monitoring protection of underground gas pipeline system.
27. **Continuation from May 19, 2022, for further review. (174104) Eversource Energy, 101 Linwood Street, Somerville, MA 02143**, for the following: **Pearl Street** - Southerly from pole P538/62, approximately 30 feet easterly of **Glenwood Avenue**, to private property at **#334 Pearl Street**, install approximately 10 feet of conduit (WO#7950596).
28. **Continuation from July 15, 2022, for further review and clarification. (183842) Eversource Energy, 101 Linwood Street, Somerville, MA 02143**, for the following: **Cottage Street** - Westerly from pole P176/17, approximately 187 feet west of **Magazine Street**, to private property at **#43 Cottage Street**, install approximately 29 feet of conduit (WO#7941097).
29. **New Petition (188407) Eversource Energy, 101 Linwood Street, Somerville, MA 02143**, for the following: **Lakeview Avenue** - Westerly from pole 417/4, approximately 160 feet north of **Brattle Street**, to private property at **#12 Lakeview Avenue**, install approximately 8 feet of conduit (WO#7444463).
30. **New Petition (188411) Eversource Energy, 101 Linwood Street, Somerville, MA 02143**, for the following: **Willow Street** - Southerly from pole 734/21, approximately 359 feet north of **Cambridge Street**, to private property at **#145 Willow Street**, install approximately 76 feet of conduit (WO#9064906).

31. **New Petition (188414) Eversource Energy, 101 Linwood Street, Somerville, MA 02143**, for the following: **Binney Street** - Westerly from manhole MHC1383, approximately 115 feet west of **Galileo Galilei Way**, to manhole MHC1384, install approximately 143 feet of conduit (WO#9469605).
32. **Approval of June 16, 2022, and July 28, 2022, Meeting Minutes**

PLEASE NOTE THAT THE ORDER IN WHICH MATTERS ARE LISTED DOES NOT GUARANTEE IT IS THE ORDER WHICH THEY WILL BE CALLED. AS SUCH, PLEASE MAKE SURE TO LOG IN TO THE ZOOM LINK AT THE NOTICED TIME OF 10:00 AM.



Dana Clarke, Office Manager