EXHIBIT X-17A

TEMPLATE FOR SCHEDULE OF APPROVED WIRELESS FACILITIES
(To be completed for each Approved Wireless Facility design)

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-17A – Contemporary Light Pole Antenna System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachment Types (check all that apply and provide detail below)</td>
<td></td>
</tr>
<tr>
<td>___ Replacement City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Replacement City Property Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Property Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Pole (traffic signal)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Property Pole (traffic signal)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Pole (street furniture)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Property Pole (street furniture)</td>
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</tr>
<tr>
<td>___ Attach to Non-City Pole</td>
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<thead>
<tr>
<th>Attachment Type Detail</th>
<th>Contemporary Style Poles located within an intersection at the discretion of Boston Street Lighting.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Description</td>
<td>Antenna System (no more than 42” diameter and 30” height) mounted to exterior of pole and painted to match pole. Antenna system can be installed above or below light fixture. Antenna system can be installed with previously approved exhibit X-17 antenna or as stand-alone system. Radio equipment, power and fiber equipment concealed within pole mounted cabinet, not to exceed 26” square and 46” tall, painted to match exterior pole. Overall height of replacement pole not to exceed 20% of existing pole height (not including antennas)</td>
</tr>
<tr>
<td>Concealment</td>
<td>Pole top antenna and related cabling will be contained as detailed above. Cabling will be routed within the replacement pole structure and will connect to the equipment housed within the cabinet.</td>
</tr>
<tr>
<td>Included Documents</td>
<td>The following documents:</td>
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<tr>
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<tr>
<td></td>
<td>A. Replacement Pole Profile including fixture type(s), equipment specifications, and foundation and grounding details.</td>
</tr>
<tr>
<td></td>
<td>B. Photo showing an example of each Attachment Type listed or checked above.</td>
</tr>
<tr>
<td></td>
<td>C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility as installed.</td>
</tr>
<tr>
<td>RF Compliance Information</td>
<td>Facility conforms to information already on file RF information attached</td>
</tr>
<tr>
<td>Comments</td>
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### CONTEMPORARY SQUARE ALUMINIUM POLE

**EXISTING CONDITIONS - EXHIBIT X-17**

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---

**OR-17**
NEW TECHNOLOGY NOTE:
The maximum antenna system shown may be installed in conjunction with the previously approved exhibit X antenna or as a standalone configuration.

CONCRETE SIDEWALK
ROAD
INSTALL LUMINAIRE PER C.O.B. STANDARDS
PROPOSED FIBER VIA EXTENET CONDUIT
PROPOSED POWER FEED TO STREETLIGHT TO BE CONNECTED BY EVERSOURCE
SEPARATE POWER TO CONTINUE TO STREETLIGHT

CONTEMPORARY SQUARE ALUMINIUM POLE ELEVATION - EXHIBIT X-17A

GENERAL NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL RESEMBLE CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH. MATERIALS & LIGHT FIXTURE TO BE SYNONYMOUS WITH SURROUNDING LIGHTS AT THAT LOCATION.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. THE PURPOSE OF THE DESIGN SHOWN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/MODIFICATIONS OF EXISTING LIGHT POLE. THEREFORE, THESE DESIGNS ARE INHERENTLY APPROXIMATE IN NATURE AND SHOULD NOT BE USED AS AN EXACT, SCALED ENGINEERING DRAWING.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY EXTENET SYSTEMS.
6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (53"Hx26"Wx26"D).
7. ANTENNA TO BE NO LARGER THAN 16"Øx40"H.
8. 14' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 16.8' 19' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 22.8' 24' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 28.8' 29' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 34.8'
9. EXTENET SYSTEMS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING.
11. LUMINARIE ARM WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING. ANY CHANGES TO EXISTING HEIGHT REQUIRES PRIOR APPROVAL BY THE CITY OF BOSTON'S STREET LIGHT DEPARTMENT.
12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED LED FIXTURE.
14. STANDARD CONCRETE POLES AND POLE HEIGHTS SHALL BE APPROVED FOR THE FOLLOWING LUMINARY FIXTURES: AERIETA, COBRA, DOUBLE COBRA, SHOEBOX, CURVED, DOUBLE CURVED, STRAIGHT, AND DOUBLE STRAIGHT.

CONCRETE SIDEWALK
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CONTEMPORARY SQUARE ALUMINIUM POLE ELEVATION - EXHIBIT X-17A

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SUBMITTALS
REV DATE DESCRIPTION INITIALS
1 1/8/20 FOR SUBMITTAL LS
CONTEMPORARY SQUARE ALUMINIUM POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-17A

Submittals

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NEW TECHNOLOGY NOTE:
The maximum antenna system shown may be installed in conjunction with the previously approved Exhibit X antenna or as a standalone configuration.

GENERAL NOTES:
1. All distances, dimensions, locations, equipment designations and specifications are approximate.
2. All materials will resemble currently existing materials and where needed any rf friendly material will be painted to match. Materials & light fixture to be synonymous with surrounding lights at that location.
3. It is assumed that all proposed utilities will be routed below grade to the proposed installation.
4. The purpose of the design shown is to show a conceptual design for the replacement/modifications of existing light pole. Therefore, these designs are inherently approximate in nature and should not be used as an exact, scaled engineering drawing.
5. Pole replacement heights will vary based on required antenna heights requested by extenet systems.
6. Equipment closure to be no larger than (53"Hx26"Wx26"D).
7. Antenna to be no larger than 16"Øx40"H.
8. 14' existing pole to be replaced with new pole with a max height of 16.8'
   19' existing pole to be replaced with new pole with a max height of 22.8'
   24' existing pole to be replaced with new pole with a max height of 28.8'
   29' existing pole to be replaced with new pole with a max height of 34.8'
9. Extenet systems will place small placard on pole identifying ownership/contact information.
10. Led light will be installed at the same height as existing.
11. Luminaire arm will be installed at the same height as existing. Any changes to existing height requires prior approval by the city of Boston's street light department.
12. Proposed lighting will conform to the city of Boston's lighting standards.
13. Ornamental decorative fixtures will be identical to the existing fixture unless the existing feature is a metal halide or high pressure sodium fixture. In these scenarios, the fixture will be upgraded to an approved Led fixture.
14. Standard concrete poles and pole heights shall be approved for the following luminary fixtures: aeriesta, cobra, double cobra, shoebox, curved, double curved, straight, and double straight.
CONTEMPORARY SQUARE ALUMINIUM POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-17B
NEW TECHNOLOGY NOTE:
THE MAXIMUM ANTENNA SYSTEM SHOWN MAY BE INSTALLED IN CONJUNCTION WITH THE PREVIOUSLY APPROVED EXHIBIT X ANTENNA OR AS A STANDALONE CONFIGURATION.

GENERAL NOTES:

1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.

2. ALL MATERIALS WILL RESEMBLE CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH. MATERIALS & LIGHT FIXTURE TO BE SYNONYMOUS WITH SURROUNDING LIGHTS AT THAT LOCATION.

3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.

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5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY EXTERNET SYSTEMS.

6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (53"Hx26"Wx26"D).

7. ANTENNA TO BE NO LARGER THAN 16"Øx40"H.

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9. EXTERNET SYSTEMS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.

10. LED LIGHT WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING.

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12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.

13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED LED FIXTURE.

14. STANDARD CONCRETE POLES AND POLE HEIGHTS SHALL BE APPROVED FOR THE FOLLOWING LUMINARY FIXTURES: AERIETA, COBRA, DOUBLE COBRA, SHOEBOX, CURVED, DOUBLE CURVED, STRAIGHT, AND DOUBLE STRAIGHT.
CONTEMPORARY SQUARE ALUMINIUM POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-17C

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6. Equipment closure to be no larger than (53"x26"x26"D).
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NEW TECHNOLOGY NOTE:
THE MAXIMUM ANTENNA SYSTEM SHOWN MAY BE INSTALLED IN CONJUNCTION WITH THE PREVIOUSLY APPROVED EXHIBIT X ANTENNA OR AS A STANDALONE CONFIGURATION.

CONTEMPORARY SQUARE ALUMINIUM POLE ELEVATION - EXHIBIT X-17E

GENERAL NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL RESEMBLE CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH. MATERIALS & LIGHT FIXTURE TO BE SYNONYMOUS WITH SURROUNDING LIGHTS AT THAT LOCATION.
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CONTEMPORARY SQUARE ALUMINIUM POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-17E

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NEW TECHNOLOGY NOTE:
THE MAXIMUM ANTENNA SYSTEM SHOWN MAY BE INSTALLED
IN CONJUNCTION WITH THE PREVIOUSLY APPROVED EXHIBIT X
ANTENNA OR AS A STANDALONE CONFIGURATION.

GENERAL NOTES:
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12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON’S
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    COBRA, DOUBLE COBRA, SHOEBOX, CURVED, DOUBLE CURVED,
    STRAIGHT, AND DOUBLE STRAIGHT.

CONTEMPORARY SQUARE ALUMINIUM POLE ELEVATION - EXHIBIT X-17F

SCALE IN FEET

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SUBMITTALS
REV DATE DESCRIPTION INITIALS
1 1/8/20 FOR SUBMITTAL LS
CONTEMPORARY SQUARE ALUMINIUM POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-17F
NEW TECHNOLOGY NOTE:
The maximum antenna system shown may be installed in conjunction with the previously approved Exhibit X antenna or as a standalone configuration.

GENERAL NOTES:
1. All distances, dimensions, locations, equipment designations and specifications are approximate.
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4. The purpose of the design shown is to show a conceptual design for the replacement/modifications of existing light pole. Therefore, these designs are inherently approximate in nature and should not be used as an exact, scaled engineering drawing.
5. Pole replacement heights will vary based on required antenna heights requested by Extenet Systems.
6. Equipment closure to be no larger than (53"Hx26"Wx26"D).
7. Antenna to be no larger than 16"Øx40"H.
8. 14' existing pole to be replaced with new pole with a max height of 16.8'
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   29' existing pole to be replaced with new pole with a max height of 34.8'
9. Extenet Systems will place small placard on pole identifying ownership/contact information.
10. LED light will be installed at the same height as existing.
11. Luminarie arm will be installed at the same height as existing. Any changes to existing height requires prior approval by the City of Boston’s Street Light Department.
12. Proposed lighting will conform to the City of Boston's lighting standards.
13. Ornamental decorative fixtures will be identical to the existing fixture unless the existing feature is a metal Halide or High Pressure Sodium fixture. In these scenarios, the fixture will be upgraded to an approved LED fixture.
14. Standard concrete poles and pole heights shall be approved for the following luminary fixtures: Aerietta, Cobra, Double Cobra, Shoebox, Curved, Double Curved, Straight, and Double Straight.

CONTEMPORARY SQUARE ALUMINIUM POLE ELEVATION - EXHIBIT X-17G

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CONCRETE SIDEWALK
ROAD
PROPOSED FIBER VIA EXTENET CONDUIT
PROPOSED POWER FEED TO STREETLIGHT TO BE CONNECTED BY EVERSOURCE

(3) ANTENNAS WITH RADIOS (PROVIDED BY OTHERS)
CABLE EXIT PORTS (4)
INSTALL LUMINAIRE PER C.O.B. STANDARDS
SEPARATE POWER TO CONTINUE TO STREETLIGHT

CONTEMPORARY SQUARE ALUMINIUM POLE ELEVATION - EXHIBIT X-17H

NEW TECHNOLOGY NOTE:
THE MAXIMUM ANTENNA SYSTEM SHOWN MAY BE INSTALLED IN CONJUNCTION WITH THE PREVIOUSLY APPROVED EXHIBIT X ANTENNA OR AS A STANDALONE CONFIGURATION.

GENERAL NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL RESEMBLE CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH. MATERIALS & LIGHT FIXTURE TO BE SYNONYMOUS WITH SURROUNDING LIGHTS AT THAT LOCATION.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. THE PURPOSE OF THE DESIGN SHOWN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/MODIFICATIONS OF EXISTING LIGHT POLE. THEREFORE, THESE DESIGNS ARE INHERENTLY APPROXIMATE IN NATURE AND SHOULD NOT BE USED AS AN EXACT, SCALED ENGINEERING DRAWING.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY EXTENET SYSTEMS.
6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (53"Hx26"Wx26"D).
7. ANTENNA TO BE NO LARGER THAN 16"Øx40"H.
8. 14' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 16.8'
   19' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 22.8'
   24' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 28.8'
   29' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 34.8'
9. EXTENET SYSTEMS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING.
11. LUMINARIE ARM WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING. ANY CHANGES TO EXISTING HEIGHT REQUIRES PRIOR APPROVAL BY THE CITY OF BOSTON'S STREET LIGHT DEPARTMENT.
12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED LED FIXTURE.
14. STANDARD CONCRETE POLES AND POLE HEIGHTS SHALL BE APPROVED FOR THE FOLLOWING LUMINARY FIXTURES: AERIETA, COBRA, DOUBLE COBRA, SHOEBOX, CURVED, DOUBLE CURVED, STRAIGHT, AND DOUBLE STRAIGHT.

SUBMITTALS

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CONTEMPORARY SQUARE ALUMINIUM POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-17H