## EXHIBIT X-1

### SCHEDULE OF APPROVED WIRELESS FACILITIES

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-1 Standard Concrete Light Pole RRH Concealment</th>
</tr>
</thead>
</table>
| Attachment Types (check all that apply and provide detail below) | _X_ Replacement City Pole (streetlight)  
_X_ Replacement City Property Pole (streetlight)  
__ Attach to existing City Pole (streetlight)  
__ Attach to existing City Property Pole (streetlight)  
__ Attach to existing City Pole (traffic signal)  
__ Attach to existing City Property Pole (traffic signal)  
__ Attach to existing City Pole (street furniture)  
__ Attach to existing City Property Pole (street furniture)  
__ Attach to Non-City Pole |
| Attachment Type Detail | Standard concrete light pole (existing or replacement) |
| Physical Description | Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and will be painted and designed to match exterior pole. Pole Replacement information for all standard lightpoles  
• 14’ existing pole to be replaced with new pole and 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 26.8’  
• 29’ existing pole to be replaced with new pole with a max height of 34.8’ |
| Concealment | Antenna contained within enclosure painted and tapered to match pole. Cables run inside pole. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and 4’8” in height. A maximum of an additional 2’ above enclosure will be used to add decorative tapering. |
| Included Documents | The following documents:  
A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.  
B. Photo showing an example of each Attachment Type listed or checked above.  
C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed.  
Engineering drawings and photo attachments should reflect the dimensions and characteristics of a representative actual City Pole or City Property Pole of the type to which the Approved Wireless Facility design applies rather than generic examples. Where there is considerable variation among City Poles/City Property Poles of a particular type (e.g. traffic signals), drawings can show a typical installation, provided that equipment volumes and attachment locations will not vary significantly from one installation to the next in ways that are material to the City’s interests. |
| RF Compliance Information | X Facility conforms to information already on file  
• Information attached |
PROPOSED LED STREETLIGHT SOLUTION

NOTES:
1. ALL DIMENSIONS, LOCATIONS AND EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL MATCH CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RR FRIENDLY MATERIAL WILL BE PAINTED TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. LIGHTOWER FIBER NETWORKS IS NOT RESPONSIBLE FOR THE ENGINEERING/DRAWING OF THE PROPOSED EQUIPMENT & ANTENNA CONCEALMENT SHOWN HEREIN, THE PURPOSE OF THE DESIGN SHOWN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/AMPLIFICATION OF EXISTING LIGHT POLE THEREFORE THEY ARE SUBJECT TO APPROVAL. ONGOING DESIGN DRAWINGS WILL BE PROVIDED AS AN EXACT, SCALED ENGINEERING DRAWING.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY LIGHTOWER FIBER NETWORKS.
6. RRR TO BE NO LARGER THAN 18" WALL OR 12" CRAWLSPACE.
7. ANTEZA TO BE NO LARGER THAN 10"X6" MAT.
8. POLE REPLACEMENT INFO FOR ALL STANDARD LIGHT POLES:
   a. PHOTO EXISTING POLES TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 30' RRR
   b. EXISTING POLES TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 30' RRR
   c. EXISTING POLES TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 30' RRR
   d. EXISTING POLES TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 30' RRR
9. LIGHTOWER FIBER NETWORKS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT & LUMINAPRE ARRAY WILL BE AT SAME HEIGHT AS EXISTING.
11. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
12. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURES UNLESS THE EXISTING FIXTURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN LED APPROVED FIXTURE.
**EXHIBIT X-2**

**SCHEDULE OF APPROVED WIRELESS FACILITIES**

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-2 Aeriata Light Pole RRH Concealment</th>
</tr>
</thead>
</table>
| Attachment Types (check all that apply and provide detail below) | _X_ Replacement City Pole (streetlight)  
   _X_ Replacement City Property Pole (streetlight)  
   __ Attach to existing City Pole (streetlight)  
   __ Attach to existing City Property Pole (streetlight)  
   __ Attach to existing City Pole (traffic signal)  
   __ Attach to existing City Property Pole (traffic signal)  
   __ Attach to existing City Pole (street furniture)  
   __ Attach to existing City Property Pole (street furniture)  
   __ Attach to Non-City Pole |
| Attachment Type Detail | Aeriata Light Pole RRH Concealment (existing or replacement) |
| Physical Description | Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and will be painted and designed to match exterior pole. Pole Replacement information for all standard lightpoles  
  • 14’ existing pole to be replaced with new pole and 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’ |
| Concealment | Antenna contained within enclosure painted and tapered to match pole. Cables run inside pole. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and 4’8” in height. A maximum of an additional 2’ above enclosure will be used to add decorative tapering. |
| Included Documents | The following documents:  
   A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.  
   B. Photo showing an example of each Attachment Type listed or checked above.  
   C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed.  
   Engineering drawings and photo attachments should reflect the dimensions and characteristics of a representative actual City Pole or City Property Pole of the type to which the Approved Wireless Facility design applies rather than generic examples. Where there is considerable variation among City Poles/City Property Poles of a particular type (e.g. traffic signals), drawings can show a typical installation, provided that equipment volumes and attachment locations will not vary significantly from one installation to the next in ways that are material to the City’s interests. |
| RF Compliance Information | X Facility conforms to information already on file  
   • Information attached |
| Comments |  |
PROPOSED SINGLE STUB LED STREETLIGHT SOLUTION

NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS AND EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL MATCH CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY WIND FRIENDLY MATERIAL WILL BE PAINTED TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. LIGHT OFFER FIBER NETWORKS IS NOT RESPONSIBLE FOR THE ENGINEERING/DESIGN OF THE PROPOSED EQUIPMENT & ANTENNA CLOAKING; SHOWN HEREIN, THE PURPOSE OF THE DESIGN SHOWN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/RELOCATION OF EXISTING LIGHT POLES THEREFORE THEY ARE NOT INTENDED TO APPEAR TO SCALE AS AN EXACT, SCALED ENGINEERING DRAWING.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED AND INMA HEIGHTS REQUESTED BY LIGHT OFFER FIBER NETWORKS.
6. RRHO TO BE NO LARGER THAN 16" WALL SWG 4"X4".
7. ANTENNA TO BE NO LARGER THAN 100" SWG 4"X4".
8. POLE REPLACEMENT INFO FOR ALL STANDARD LIGHT POLES:
   • SAT EXITING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 16’ 8".
   • 16’ 8" WINDING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 15’ 8"
   • 24’ EXITING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 23’ 8"
   • 24’ EXITING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 23’ 8"
9. LIGHT OFFER FIBER NETWORKS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT & LUMINARIE ARM WILL BE AT SAME HEIGHT AS EXISTING.
11. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON’S LIGHTING STANDARDS.
12. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FIXTURE IS A METAL VALVE OR HIGH PRESSURE BUBBLE FIXTURE. IN THESE SCENARIOS, THE FIXTURES WILL BE UPGRADED TO AN LED APPROVED FIXTURE.

POWER AND FIBER UTILITIES ROUTED UNDERGROUND.

SCALE IN FEET

5 0 5

1. PROPOSED PROFILE - REAR VIEW
FROM FIELD LOOKING TOWARDS ROAD
2. PROPOSED PROFILE - SIDE VIEW
FROM ROADSIDE LOOKING UP ROAD
# EXHIBIT X-3
## SCHEDULE OF APPROVED WIRELESS FACILITIES

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-3 Pendant Light Pole RRH Concealment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachment Types (check all that apply and provide detail below)</td>
<td></td>
</tr>
<tr>
<td>- X_ Replacement City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>- X_ 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>
<td></td>
</tr>
<tr>
<td>- Attach to Non-City Pole</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attachment Type Detail</th>
<th>Pendant Light Pole RRH Concealment (existing or replacement)</th>
</tr>
</thead>
</table>

| Physical Description | Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and will be painted and designed to match exterior pole. Pole Replacement information for all standard lightpoles  
- 21’ existing pole to be replaced with new pole and a max height of 25.2’  
- 25’ existing pole to be replaced with new pole with a max height of 30’ |

| Concealment | Antenna contained within enclosure painted and tapered to match pole. Cables run inside pole. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and 4’8” in height. A maximum of an additional 2’ above enclosure will be used to add decorative tapering. |

| Included Documents | The following documents:  
A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.  
B. Photo showing an example of each Attachment Type listed or checked above.  
C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed. |

Engineering drawings and photo attachments should reflect the dimensions and characteristics of a representative actual City Pole or City Property Pole of the type to which the Approved Wireless Facility design applies rather than generic examples. Where there is considerable variation among City Poles/City Property Poles of a particular type (e.g. traffic signals), drawings can show a typical installation, provided that equipment volumes and attachment locations will not vary significantly from one installation to the next in ways that are material to the City’s interests. |

| RF Compliance Information | X Facility conforms to information already on file  
- Information attached |

| Comments |  |
PROPOSED SPRING CITY STREETLIGHT SOLUTION

NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS AND EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL MATCH CURRENTLY EXISTING MATERIALS AND WHERE NECESSARY ARE BEEFED TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. LIGHTOWER FIBER NETWORKS IS NOT RESPONSIBLE FOR THE ENGINEERING/DESIGN OF THE PROPOSED EQUIPMENT & ANTENNA CONCEALMENT SHOWN HEREIN. THE PURPOSE OF THE DESIGN SHOWN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/CONCEALMENT OF EXISTING LIGHT POLE THEREFORE THEY ARE APPROXIMATELY ACCURATE TO SCALE AND SHOULD BE TREATED AS AN EXACT, SCALD ENGINEERING DRAWING.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED AND ENHANCED HEIGHTS REQUESTED BY LIGHTOWER FIBER NETWORKS.
6. RH TO BE NO LARGER THAN 3/4" WALL / 2" DIA.
7. ANTENNA TO BE NO LARGER THAN 10" DIA.
8. POLE REPLACEMENT INFO FOR ALL STANDARD LIGHT POLES:
   • 10' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 10' 6".
   • 12' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 12' 6".
   • 14' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 14' 6".
9. LIGHTOWER FIBER NETWORKS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT & LUMINARIA ARM WILL BE AT SAME HEIGHT AS EXISTING.
11. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
12. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FIXTURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN LED APPROVED FIXTURE.

POWER AND FIBER UTILITIES ROUTED UNDERGROUND

VENTILATED EQUIPMENT ENCLOSURE WITH VENTED DOOR OPENINGS

DECORATIVE BASE AT EQUIPMENT ENCLOSURE (VARS BY NEIGHBORHOOD)

VENTILATED EQUIPMENT ENCLOSURE WITH VENTED DOOR OPENINGS

DECORATIVE BASE AT EQUIPMENT ENCLOSURE (VARS BY NEIGHBORHOOD)

OMNIA ANTENNA 36"H x 16"W(BASE) & FIBERGLASS EXTENSION/COVER PAINTED TO MATCH POLE

OMNIA ANTENNA 26"H x 16"W(BASE) & FIBERGLASS EXTENSION/COVER PAINTED TO MATCH POLE

DECORATIVE LIGHT FIXTURE

ANTENNA CABLES ROUTED WITHIN POLE

FLUTED STEEL POLE TAPERED POLE BASE

PROPOSED PROFILE - REAR VIEW
FROM FIELD LOOKING TOWARDS ROAD

PROPOSED PROFILE - SIDE VIEW
FROM ROADSIDE LOOKING UP ROAD

SCALE IN FEET

NOT TO EXCEED 2'-0"
<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-4 Wood Utility Pole Antenna Top Mount</th>
</tr>
</thead>
</table>
| Attachment Types (check all that apply and provide detail below) | __ Replacement City Pole (streetlight)  
__ Replacement City Property Pole (streetlight)  
__ Attach to existing City Pole (streetlight)  
__ Attach to existing City Property Pole (streetlight)  
__ Attach to existing City Pole (traffic signal)  
__ Attach to existing City Property Pole (traffic signal)  
__ Attach to existing City Pole (street furniture)  
__ Attach to existing City Property Pole (street furniture)  
_X_ Attach to Non-City Pole |
| Attachment Type Detail | Wood Utility Pole Antenna Top Mount (existing or replacement) |
| Physical Description | Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole. Remote radiohead, power and fiber equipment mounted to side of pole and connected to Fiber Demarc on pole. |
| Concealment | Remote radiohead, power and fiber equipment mounted to side of pole and connected to Fiber Demarc on pole. |
| Included Documents | The following documents:  
A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.  
B. Photo showing an example of each Attachment Type listed or checked above.  
C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed.  
Engineering drawings and photo attachments should reflect the dimensions and characteristics of a representative actual City Pole or City Property Pole of the type to which the Approved Wireless Facility design applies rather than generic examples. Where there is considerable variation among City Poles/City Property Poles of a particular type (e.g. traffic signals), drawings can show a typical installation, provided that equipment volumes and attachment locations will not vary significantly from one installation to the next in ways that are material to the City’s interests. |
| RF Compliance Information | X Facility conforms to information already on file  
- Information attached |
| Comments | |
PROPOSED (POLE TOP) WOOD POLE SOLUTION

NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS AND EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROPRIATE.
2. ALL MATERIALS WILL MATCH CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. LIGHTOWER FIBER NETWORKS IS NOT RESPONSIBLE FOR THE ENGINEERING/DESIGN OF THE PROPOSED EQUIPMENT & ANTENNA CONCEALMENT SHOWN HEREIN. THE PURPOSE OF THE DESIGN SHOWN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT MODIFICATIONS OF EXISTING LIGHT POLE THEREFORE THEY ARE APPROXIMATELY.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED ANNA HEIGHTS REQUESTED BY LIGHTOWER FIBER NETWORKS.
6. RRR TO BE NO LARGER THAN 1/4" W/0" x 1/4".
7. ANTENNA TO BE NO LARGER THAN 1/8" W/0" x 1/8".
8. POLE REPLACEMENT INFO FOR ALL STANDARD LIGHT POLES:
   • 17' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 15' 8".
   • 18' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 15' 8".
   • 24' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 24' 0".
9. LIGHTOWER FIBER NETWORKS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT & LUMINARIA ARM WILL BE AT SAME HEIGHT AS EXISTING.
11. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
12. ORNAMENTAL DECORATIVE FIXTURE WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FIXTURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN LED APPROVED FIXTURE.

PROPOSED PROFILE - REAR VIEW
FROM FIELD LOOKING TOWARDS ROAD

PROPOSED PROFILE - SIDE VIEW
FROM ROADSIDE LOOKING UP ROAD

SCALE IN FEET

5 0 5
### EXHIBIT X-5

**SCHEDULE OF APPROVED WIRELESS FACILITIES**

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-5 Wood Utility Pole Antenna Side Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Attachment Types</strong> (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>
<td></td>
</tr>
<tr>
<td>X Attach to Non-City Pole</td>
<td></td>
</tr>
<tr>
<td><strong>Attachment Type Detail</strong></td>
<td>Wood Utility Pole Antenna Side Mount (existing or replacement)</td>
</tr>
<tr>
<td><strong>Physical Description</strong></td>
<td>Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole. Antenna placement on pole to be determined by utility requirements. Remote radiohead, power and fiber equipment mounted to side of pole and connected to Fiber Demarc on pole.</td>
</tr>
<tr>
<td><strong>Concealment</strong></td>
<td>Remote radiohead, power and fiber equipment mounted to side of pole and connected to Fiber Demarc on pole.</td>
</tr>
<tr>
<td><strong>Included Documents</strong></td>
<td>The following documents:</td>
</tr>
<tr>
<td></td>
<td>A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.</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 is installed.</td>
</tr>
<tr>
<td><strong>RF Compliance Information</strong></td>
<td>X Facility conforms to information already on file</td>
</tr>
<tr>
<td></td>
<td>• Information attached</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td></td>
</tr>
</tbody>
</table>
# EXHIBIT X-6

## SCHEDULE OF APPROVED WIRELESS FACILITIES

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-6 Bishop’s Crook Light Pole RRH Concealment</th>
</tr>
</thead>
</table>
| Attachment Types (check all that apply and provide detail below) | X Replacement City Pole (streetlight)  
X Replacement City Property Pole (streetlight)  
_ Attach to existing City Pole (streetlight)  
_ Attach to existing City Property Pole (streetlight)  
_ Attach to existing City Pole (traffic signal)  
_ Attach to existing City Property Pole (traffic signal)  
_ Attach to existing City Pole (street furniture)  
_ Attach to existing City Property Pole (street furniture)  
_ Attach to Non-City Pole |
| Attachment Type Detail | Bishop’s Crook Light Pole (existing or replacement) |
| Physical Description | Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and will be painted and designed to match exterior pole.  
Pole Replacement information for all standard lightpoles  
- 14’ existing pole to be replaced with new pole and 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’ |
| Concealment | Antenna contained within enclosure painted and tapered to match pole. Cables run inside pole. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and 4’8” in height. A maximum of an additional 2” above enclosure will be used to add decorative tapering. |
| Included Documents | The following documents:  
A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.  
B. Photo showing an example of each Attachment Type listed or checked above.  
C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed.  

Engineering drawings and photo attachments should reflect the dimensions and characteristics of a representative actual City Pole or City Property Pole of the type to which the Approved Wireless Facility design applies rather than generic examples. Where there is considerable variation among City Poles/City Property Poles of a particular type (e.g. traffic signals), drawings can show a typical installation, provided that equipment volumes and attachment locations will not vary significantly from one installation to the next in ways that are material to the City’s interests. |
| RF Compliance Information | X Facility conforms to information already on file  
- Information attached |
PROPOSED BISHOPS CROOK STREETLIGHT SOLUTION

NOTES:

1. ALL DISTANCES, DIMENSIONS, LOCATIONS AND EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL MATCH CURRENTLY EXISTING MATERIALS AND WILL NOT ADD ANY NEW MATERIALS TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. LIGHTOWER FIBER NETWORKS IS NOT RESPONSIBLE FOR THE ENGINEERING/DESIGN OF THE PROPOSED EQUIPMENT & ANTENNA CONCEALMENT SHOWN HEREIN. THE PURPOSE OF THE DESIGN SHOWN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/UPGRADATION OF EXISTING LIGHT POLE THEREFORE THEY ARE INTENTIONALLY APPROXIMATE.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED AND ENHANCED REQUIREMENTS REQUESTED BY LIGHTOWER FIBER NETWORKS.
6. PTH TO BE NO LARGER THAN 6" WALLS - SW/AH/W.
7. ANTENNA TO BE NO LARGER THAN 10" DIAMETER.
8. POLE REPLACEMENT INFO FOR ALL STANDARD LIGHT POLES:
   - 1/2 EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 12 FT
   - 1/2 EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 15 FT
   - 1/2 EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 20 FT
9. LIGHTOWER FIBER NETWORKS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT & LUMINAPRI AMM WILL BE AT SAME HEIGHT AS EXISTING.
11. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
12. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FIXTURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN LED APPROVED FIXTURE.

PROPOSED PROFILE - REAR VIEW
FROM FIELD LOOKING TOWARDS ROAD

PROPOSED PROFILE - SIDE VIEW
FROM ROADSIDE LOOKING UP ROAD

SCALE IN FEET

5 0 5

POWER AND FIBER UTILITIES ROUTED UNDERGROUND

OMNI ANTENNA
26"H x 16"W(BASE) & FIBERGLASS EXTENSION/COVER PAINTED TO MATCH POLE

DECO LIGHT FIXED

ANTENNA CABLES ROUTED WITHIN POLE

STEEL POLE

VENTILATED EQUIPMENT ENCLOSURE WITH VENTED DOOR OPENINGS

DECORATIVE BASE AT EQUIPMENT ENCLOSURE (VARIES BY NEIGHBORHOOD)

VENTILATED EQUIPMENT ENCLOSURE WITH VENTED DOOR OPENINGS

DECORATIVE BASE AT EQUIPMENT ENCLOSURE (VARIIES BY NEIGHBORHOOD)

TAPERED POLE BASE

NOT TO EXCEED 2'-6"
## EXHIBIT X-10

### SCHEDULE OF APPROVED WIRELESS FACILITIES

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-10 Double Curved Light Pole RRH Concealment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachment Types (check all that apply and provide detail below)</td>
<td></td>
</tr>
<tr>
<td><em>X</em> Replacement City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td><em>X</em> Replacement City Property Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>_ Attachment to existing City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>_ Attachment to existing City Property Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>_ Attachment to existing City Pole (traffic signal)</td>
<td></td>
</tr>
<tr>
<td>_ Attachment to existing City Property Pole (traffic signal)</td>
<td></td>
</tr>
<tr>
<td>_ Attachment to existing City Pole (street furniture)</td>
<td></td>
</tr>
<tr>
<td>_ Attachment to existing City Property Pole (street furniture)</td>
<td></td>
</tr>
<tr>
<td>_ Attachment to Non-City Pole</td>
<td></td>
</tr>
<tr>
<td>Attachment Type Detail</td>
<td>Double Curved Light Pole RRH Concealment (existing or replacement)</td>
</tr>
</tbody>
</table>
| Physical Description | Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and will be painted and designed to match exterior pole. Pole Replacement information for all standard lightpoles  
- 14’ existing pole to be replaced with new pole and 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’ |
| Concealment | Antenna contained within enclosure painted and tapered to match pole. Cables run inside pole. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and 4’8” in height. A maximum of an additional 2’ above enclosure will be used to add decorative tapering. |
| Included Documents | The following documents:  
A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.  
B. Photo showing an example of each Attachment Type listed or checked above.  
C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed.  

Engineering drawings and photo attachments should reflect the dimensions and characteristics of a representative actual City Pole or City Property Pole of the type to which the Approved Wireless Facility design applies rather than generic examples. Where there is considerable variation among City Poles/City Property Poles of a particular type (e.g. traffic signals), drawings can show a typical installation, provided that equipment volumes and attachment locations will not vary significantly from one installation to the next in ways that are material to the City’s interests. |
| RF Compliance Information | X Facility conforms to information already on file  
- Information attached |
PROPOSED DOUBLE CURVED LED STREETLIGHT SOLUTION

NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS AND EQUIPMENT
   DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL MATCH CURRENTLY EXISTING
   MATERIALS AND WHERE NECESSARY ANY RF FRIENDLY
   MATERIAL WILL BE PAINTED TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE
   ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. LIGHTOWER FIBER NETWORKS IS NOT RESPONSIBLE FOR THE
   ENGINEERING/DESIGN OF THE PROPOSED EQUIPMENT &
   ANTENNA CONCEALMENT SHOWN HEREIN. THE PURPOSE OF THE DESIGN
   SHOWN IS TO SHOW A CONCEPTUAL DESIGN
   FOR THE REPLACEMENT/CONCEALMENT OF EXISTING LIGHT POLE
   THEREFORE THEY ARE PROVIDED FOR APPROXIMATE
   REFERENCE ONLY AND SHOWN AS AN EXACT
   SCALE ENGINEERING DRAWING.
5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON
   REQUIRED AND ENHANCE HEIGHTS REQUESTED BY LIGHTOWER FIBER
   NETWORKS.
6. ⦿ TO BE NO LARGER THAN 16" WIDE X 16" HIGH.
7. ANTENNA TO BE NO LARGER THAN 16" WIDE X 16" HIGH.
8. POLE REPLACEMENT INFO FOR ALL STANDARD LIGHT
   POLES:
   ⦿ 24' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH
     A MAX HEIGHT OF 16' 8";
   ⦿ 18' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH
     A MAX HEIGHT OF 16' 8";
   ⦿ 24' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH
     A MAX HEIGHT OF 16' 8";
   ⦿ POLE ELEVATION MAP WILL BE PLACED ON POLE
     IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
9. LIGHTOWER FIBER NETWORKS WILL PLACE SMALL PLACARD ON POLE
   IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LIGHT AND LUMINANCE ARM WILL BE AT SAME HEIGHT AS
    EXISTING
11. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING
    STANDARDS.
12. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING
    FIXTURE UNLESS THE EXISTING FIXTURE IS A METAL HALIDE OR HIGH
    PRESSURE SODIUM FIXTURE; IN THESE SCENARIOS THE FIXTURE WILL BE
    UPGRADED TO AN LED APPROVED FIXTURE.

POWER AND FIBER UTILITIES ROUTED UNDERGROUND

SCALE IN FEET

PROPOSED PROFILE - REAR VIEW
FROM FIELD LOOKING TOWARDS ROAD

PROPOSED PROFILE - SIDE VIEW
FROM ROADSIDE LOOKING UP ROAD

ANTENNA

OMNI ANTENNA
26"W x 16"W(BASE)
& FIBERGLASS EXTENSION/COVER
PAINTED TO MATCH POLE

OMNI ANTENNA
26"W x 16"W(BASE)
& FIBERGLASS EXTENSION/COVER
PAINTED TO MATCH POLE

ANTENNA CABLES ROUTED
WITHIN POLE

6-SIDED STEEL POLE

TAPERED POLE BASE

VENTILATED EQUIPMENT
ENCLOSURE WITH VENTED DOOR
OPENINGS

DECORATIVE BASE
AT EQUIPMENT ENCLOSURE
(VARIES BY NEIGHBORHOOD)

POWER AND FIBER UTILITIES ROUTED
UNDERGROUND

LED LIGHT FIXTURES

VENTILATED EQUIPMENT
ENCLOSURE WITH VENTED DOOR
OPENINGS

DECORATIVE BASE
AT EQUIPMENT ENCLOSURE
(VARIES BY NEIGHBORHOOD)

TAPERED POLE BASE

POWER AND FIBER UTILITIES ROUTED
UNDERGROUND

0' - 2' NOT TO EXCEED

4' NOT TO EXCEED

Scale in Feet
### EXHIBIT X-11

**SCHEDULE OF APPROVED WIRELESS FACILITIES**

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-11 Double Straight Light Pole RRH Concealment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachment Types (check all that apply and provide detail below)</td>
<td></td>
</tr>
<tr>
<td><em>X</em> Replacement City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td><em>X</em> 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>
<td></td>
</tr>
<tr>
<td>__ Attach to Non-City Pole</td>
<td></td>
</tr>
<tr>
<td>Attachment Type Detail</td>
<td>Double Straight Light Pole RRH Concealment (existing or replacement)</td>
</tr>
<tr>
<td>Physical Description</td>
<td>Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and will be painted and designed to match exterior pole. Pole Replacement information for all standard lightpoles:</td>
</tr>
<tr>
<td>Pole Replacement</td>
<td>14’ existing pole to be replaced with new pole and a max height of 16.8’</td>
</tr>
<tr>
<td>19’ existing pole to be replaced with new pole with a max height of 22.8’</td>
<td></td>
</tr>
<tr>
<td>24’ existing pole to be replaced with new pole with a max height of 28.8’</td>
<td></td>
</tr>
<tr>
<td>29’ existing pole to be replaced with new pole with a max height of 34.8’</td>
<td></td>
</tr>
<tr>
<td>Concealment</td>
<td>Antenna contained within enclosure painted and tapered to match pole. Cables run inside pole. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and 4’/8” in height. A maximum of an additional 2” above enclosure will be used to add decorative tapering.</td>
</tr>
<tr>
<td>Included Documents</td>
<td>The following documents:</td>
</tr>
<tr>
<td>A.</td>
<td>For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.</td>
</tr>
<tr>
<td>B.</td>
<td>Photo showing an example of each Attachment Type listed or checked above.</td>
</tr>
<tr>
<td>C.</td>
<td>Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed.</td>
</tr>
<tr>
<td>RF Compliance Information</td>
<td>X Facility conforms to information already on file</td>
</tr>
<tr>
<td></td>
<td>- Information attached</td>
</tr>
<tr>
<td>Comments</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td></td>
</tr>
</tbody>
</table>
# EXHIBIT X-12

## SCHEDULE OF APPROVED WIRELESS FACILITIES

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-12 Double Cobra Light Pole RRH Concealment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Attachment Types (check all that apply and provide detail below)</strong></td>
<td></td>
</tr>
<tr>
<td><em>X</em> Replacement City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td><em>X</em> 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>
<td></td>
</tr>
<tr>
<td>__ Attach to Non-City Pole</td>
<td></td>
</tr>
<tr>
<td><strong>Attachment Type Detail</strong></td>
<td>Double Cobra Light Pole (existing or replacement)</td>
</tr>
<tr>
<td><strong>Physical Description</strong></td>
<td>Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and will be painted and designed to match exterior pole. Pole Replacement information for all standard lightpoles</td>
</tr>
<tr>
<td></td>
<td>- 14’ existing pole to be replaced with new pole and a max height of 16.8’</td>
</tr>
<tr>
<td></td>
<td>- 19’ existing pole to be replaced with new pole with a max height of 22.8’</td>
</tr>
<tr>
<td></td>
<td>- 24’ existing pole to be replaced with new pole with a max height of 28.8’</td>
</tr>
<tr>
<td></td>
<td>- 29’ existing pole to be replaced with new pole with a max height of 34.8’</td>
</tr>
<tr>
<td><strong>Concealment</strong></td>
<td>Antenna contained within enclosure painted and tapered to match pole. Cables run inside pole. Remote radiohead, power and fiber equipment concealed within stealth expanded base, not to exceed 2.5’ in width and 4’8” in height. A maximum of an additional 2’ above enclosure will be used to add decorative tapering.</td>
</tr>
<tr>
<td><strong>Included Documents</strong></td>
<td>The following documents:</td>
</tr>
<tr>
<td></td>
<td>A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.</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 is installed.</td>
</tr>
<tr>
<td>Engineering drawings and photo attachments should reflect the dimensions and characteristics of a representative actual City Pole or City Property Pole of the type to which the Approved Wireless Facility design applies rather than generic examples. Where there is considerable variation among City Poles/City Property Poles of a particular type (e.g. traffic signals), drawings can show a typical installation, provided that equipment volumes and attachment locations will not vary significantly from one installation to the next in ways that are material to the City’s interests.</td>
<td></td>
</tr>
<tr>
<td><strong>RF Compliance Information</strong></td>
<td>X Facility conforms to information already on file</td>
</tr>
<tr>
<td></td>
<td>- Information attached</td>
</tr>
</tbody>
</table>
## SCHEDULE OF APPROVED WIRELESS FACILITIES

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-13 Aeriata Light Pole</th>
</tr>
</thead>
</table>
| **Attachment Types** (check all that apply and provide detail below) | _X_ Replacement City Pole (streetlight)  
_ X_ Replacement City Property Pole (streetlight)  
__ Attach to existing City Pole (streetlight)  
__ Attach to existing City Property Pole (streetlight)  
__ Attach to existing City Pole (traffic signal)  
__ Attach to existing City Property Pole (traffic signal)  
__ Attach to existing City Pole (street furniture)  
__ Attach to existing City Property Pole (street furniture)  
__ Attach to Non-City Pole |
| **Attachment Type Detail** | Aeriata Light Pole (existing or replacement) |
| **Physical Description** | Mount antenna (no more than 16” diameter and no more than 40” height) in fiberglass enclosure painted to match pole and affixed to top of pole with tapered extension. Remote radiohead, power and fiber equipment mounted to side of pole and connected to Fiber Demarc on pole. Pole Replacement information for all standard lightpoles  
- 14’ existing pole to be replaced with new pole and 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’ |
| **Concealment** | Remote radiohead, power and fiber equipment mounted to side of pole and connected to Fiber Demarc on pole. |
| **Included Documents** | The following documents:  
A. For each Attachment Type listed or checked above, an engineering drawing of replacement pole or existing pole with attached equipment. The drawing must show the location on the pole where each component of the Wireless Facility is attached or enclosed. Drawings should depict any underground portion of the typical installation for that Attachment Type.  
B. Photo showing an example of each Attachment Type listed or checked above.  
C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility is installed.  
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| **RF Compliance Information** | _X_ Facility conforms to information already on file  
- Information attached |
| **Comments** | |
**NOTES:**

1. **This solution will only be used on sites that do not have the ability to place an equipment base due to limited sidewalk width for wheelchair access in the pedestrian travel zone.**

2. **It is assured that all proposed utilities will be routed below grade to the proposed installation.**

3. **Lightower Fiber Networks is not responsible for the engineering/design of the proposed equipment & antenna concealment shown herein; the purpose of the design shown is to show a conceptual design for the replacement/upgrade of existing light pole.**

4. **Therefore, they are not approved/applicable, nor should they be read as an exact, scaled engineering drawing.**

5. **Pole replacement heights will vary based on required and owner heights requested by Lightower Fiber Networks.**

6. **RH to be no larger than 1/2" wall/2" shaft.**

7. **Antenna to be no larger than 1/2"/0".**

8. **Pole replacement info for all standard light poles:**
   - 1/4" existing pole to be replaced with new pole with a max height of 15' 6".
   - 1/4" existing pole to be replaced with new pole with a max height of 22' 6".
   - 1/4" existing pole to be replaced with new pole with a max height of 50' 6".

9. **Lightower Fiber Networks will place small placard on pole identifying ownership/contract information.**

10. **LED light & luminaire arm will be at same height as existing.**

11. **Proposed lighting will conform to the city of Boston’s lighting standards.**

12. **Ornamental decorative fixtures will be identical to the existing fixture unless the existing fixture is a metal halide or high pressure sodium fixture. In those instances, the fixture will be upgraded to a LED approved fixture.**