Small Wireless Facilities
Installation Guidelines
RESTRICTED SWF AREA

NOTES:
1. IF NO ACCEPTABLE AVAILABLE SPACE IS PRESENT ON THE EXISTING SYSTEM, AN ALTERATION MAY BE PROPOSED.
2. RESTRICTED AREA IS TO ALLOW FOR BURIED CONDUIT BANKS AND UDOT INSTALLED EQUIPMENT SUCH AS SIGNAL HEADS, RADAR DETECTION, DEDICATED SHORT RANGE COMMUNICATION (DSRC), ETC. ALREADY INSTALLED OR PLANNED.
3. IN THE EVENT OF A CONFLICT, THE MORE RESTRICTIVE PROVISION SHALL GOVERN.
1. SWF equipment may be mounted on the stationary traffic camera pole with a maximum height of 5 feet below the base of the traffic camera so as to not interfere with the movement and view angle of the camera.

2. SWF equipment may not be mounted on traffic camera pole on which there is a camera lowering system.

3. The installation of a SWF is allowed provided the lighting function is not impacted to both the lighting range and power supply.

4. SWF may be installed only on the vertical part of the light pole and not the extended arm.

5. Wireless providers are required to provide an engineering evaluation to show the pole can hold the weight of the SWF and sustain the increased wind load. Follow the current UDOT structural design and detailing manual and adhere to all current state laws on attachment to UDOT structures.

6. UDOT will permit drilling holes into the pole for power source connection, based on the results of the structural analysis.

7. UDOT will share the power pedestal if the wireless provider installs a multi-meter base.

8. If no acceptable available space is present on the existing system, an alteration may be proposed.

9. Restricted area is to allow for UDOT placed equipment such as signal heads, radar detection, dedicated short range communication etc. already installed or planned.

10. In the event of a conflict, the more restrictive provision shall govern.
NOTES:

1. SWF EQUIPMENT MAY BE MOUNTED ON THE STATIONARY TRAFFIC CAMERA POLE WITH A MAXIMUM HEIGHT OF 5 FEET BELOW THE BASE OF THE TRAFFIC CAMERA TO NOT INTERFERE WITH THE MOVEMENT AND VIEW ANGLE OF THE CAMERA.

2. THE INSTALLATION OF A SWF IS ALLOWED PROVIDED THE LIGHTING FUNCTION IS NOT IMPACTED TO BOTH THE LIGHTING RANGE AND POWER SUPPLY.

3. WIRELESS PROVIDERS ARE REQUIRED TO PROVIDE AN ENGINEERING EVALUATION TO SHOW THE POLE CAN HOLD THE WEIGHT OF THE SWF AND SUSTAIN THE INCREASED WIND LOAD. FOLLOW THE CURRENT UDOT STRUCTURAL DESIGN AND DETAILING MANUAL AND ADHERE TO ALL CURRENT STATE LAWS ON ATTACHMENT TO UDOT STRUCTURES.

4. UDOT WILL PERMIT DRILLING HOLES INTO THE POLE FOR POWER SOURCE CONNECTION, BASED ON THE RESULTS OF THE STRUCTURAL ANALYSIS.

5. UDOT WILL SHARE THE POWER PEDESTAL IF THE WIRELESS PROVIDER INSTILLS A MULTI-METER BASE.

6. IF NO ACCEPTABLE AVAILABLE SPACE IS PRESENT ON THE EXISTING SYSTEM, AN ALTERATION MAY BE PROPOSED.

7. RESTRICTED AREA IS TO ALLOW FOR UDOT PLACED EQUIPMENT SUCH AS SIGNAL HEADS, RADAR DETECTION, DEDICATED SHORT RANGE COMMUNICATION, ETC. ALREADY INSTALLED OR PLANNED.

8. IN THE EVENT OF A CONFLICT, THE MORE RESTRICTIVE PROVISION SHALL GOVERN.
1. SWF equipment may not be mounted on a RWIS tower and solar panel.
2. If no acceptable available space is present on the existing system, an alteration may be proposed.
3. In the event of a conflict, the more restrictive provision shall govern.
1. The installation of a SWF is allowed provided the lighting function is not impacted to both the lighting range and power supply.

2. SWF may be installed only on the vertical part of the light pole and not the extended arm.

3. Wireless providers are required to provide an engineering evaluation to show the pole can hold the weight of the SWF and sustain the increased wind load. Follow the current UDOT structural design and detailing manual and adhere to all current state laws on attachment to UDOT structures.

4. UDOT will permit drilling holes into the pole for power source connection, based on the results of the structural analysis.

5. UDOT will share the power pedestal if the wireless provider installs a multi-meter base.

6. If no acceptable available space is present on the existing system, an alteration may be proposed.

7. Restricted area is to allow for UDOT placed equipment such as signal heads, radar detection, dedicated short range communication, etc. already installed or planned.

8. In the event of a conflict, the more restrictive provision shall govern.

**NOTES:**

**RESTRICTED SWF AREA**

**AVAILABLE CO-LOCATABLE AREA**

**PLUG AND SEAL ALL OPENINGS INTO POLE**

**SWF MOUNTING LOCATION DETAIL**

**TRAFFIC SIGNAL MAST ARM POLE AND LUMINAIRE EXTENSION**

**SWF MOUNTING LOCATION DETAIL**

**TRAFFIC SIGNAL POLE**

**SWF NOT ALLOWED**

**NOTE:**
1. THE INSTALLATION OF A SWF IS ALLOWED PROVIDED THE LIGHTING FUNCTION IS NOT IMPACTED TO BOTH THE LIGHTING RANGE AND POWER SUPPLY.

2. SWF MAY BE INSTALLED ONLY ON THE VERTICAL PART OF THE LIGHT POLE AND NOT THE EXTENDED ARM.

3. WIRELESS PROVIDERS ARE REQUIRED TO PROVIDE AN ENGINEERING EVALUATION TO SHOW THE POLE CAN HOLD THE WEIGHT OF THE SWF AND SUSTAIN THE INCREASED WIND LOAD. FOLLOW THE CURRENT UDOT STRUCTURAL DESIGN AND DETAILING MANUAL AND ADHERE TO ALL CURRENT STATE LAWS ON ATTACHMENT TO UDOT STRUCTURES.

4. UDOT WILL PERMIT DRILLING HOLES INTO THE POLE FOR POWER SOURCE CONNECTION, BASED ON THE RESULTS OF THE STRUCTURAL ANALYSIS.

5. UDOT WILL SHARE THE POWER PEDESTAL IF THE WIRELESS PROVIDER INSTALLS A MULTIMETER BASE.

6. IF NO ACCEPTABLE AVAILABLE SPACE IS PRESENT ON THE EXISTING SYSTEM, AN ALTERATION MAY BE PROPOSED.

7. RESTRICTED AREA IS TO ALLOW FOR LOS PLACED EQUIPMENT (I.E., MEDIAN BARRIER FENCE, STREET OUTFIELD, ETC.) TO BE INSTALLED OR PLANNED.

8. IN THE EVENT OF A CONFLICT, THE MORE RESTRICTIVE PROVISION SHALL GOVERN.
1. THE INSTALLATION OF A SWF IS ALLOWED PROVIDED THE LIGHTING FUNCTION IS NOT IMPACTED TO BOTH THE LIGHTING RANGE AND POWER SUPPLY.
2. SWF MAY BE INSTALLED ONLY ON THE VERTICAL PART OF THE LIGHT POLE AND NOT THE EXTENDED ARM.
3. WIRELESS PROVIDERS ARE REQUIRED TO PROVIDE AN ENGINEERING EVALUATION TO SHOW THE POLE CAN HOLD THE WEIGHT OF THE SWF AND SUSTAIN THE INCREASED WIND LOAD. FOLLOW THE CURRENT UDOT STRUCTURAL DESIGN AND DETAILING MANUAL AND ADHERE TO ALL CURRENT STATE LAWS ON ATTACHMENT TO UDOT STRUCTURES.
4. UDOT WILL PERMIT DRILLING HOLES INTO THE POLE FOR POWER SOURCE CONNECTION, BASED ON THE RESULTS OF THE STRUCTURAL ANALYSIS.
5. UDOT WILL SHARE THE POWER PEDESTAL IF THE WIRELESS PROVIDER Installs A MULTI-METER BASE.
6. IF NO ACCEPTABLE AVAILABLE SPACE IS PRESENT ON THE EXISTING SYSTEM, AN ALTERATION MAY BE PROPOSED.
7. RESTRICTED AREA IS TO ALLOW FOR UDOT PLACED EQUIPMENT SUCH AS SIGNAL HEADS, RADAR DETECTION, DEDICATED SHORT RANGE COMMUNICATION, ETC. ALREADY INSTALLED OR PLANNED.
8. IN THE EVENT OF A CONFLICT, THE MORE RESTRICTIVE PROVISION SHALL GOVERN.
1. SWF EQUIPMENT MAY NOT BE MOUNTED ON AN OVERHEAD SCHOOL SPEED LIMIT ASSEMBLY.

2. RESTRICTED AREA IS TO ALLOW FOR UDOT PLACED EQUIPMENT SUCH AS SIGNAL HEADS, RADAR DETECTION,DEDICATED SHORT RANGE COMMUNICATION, ETC. ALREADY INSTALLED OR PLANNED.

3. IN THE EVENT OF A CONFLICT, THE MORE RESTRICTIVE PROVISION SHALL GOVERN.

NOTE:

SWF MOUNTING LOCATION DETAIL
OVERHEAD SCHOOL SPEED LIMIT ASSEMBLY

SWF NOT ALLOWED

LEGEND

RESTRICTED SWF AREA
1. The installation of a SWF is allowed provided the lighting function is not impacted to both the lighting range and power supply.

2. SWF may be installed only on the vertical part of the light pole and not the extended arm.

3. Wireless providers are required to provide an engineering evaluation to show the pole can hold the weight of the SWF and sustain the increased wind load. Follow the current UDOT structural design and detailing manual and adhere to all current state laws on attachment to UDOT structures.

4. UDOT will permit drilling holes into the pole for power source connection, based on the results of the structural analysis.

5. UDOT will share the power pedestal if the wireless provider installs a multi-meter base.

6. If no acceptable available space is present on the existing system, an alteration may be proposed.

7. Restricted area is to allow for UDOT placed equipment such as signal heads, radar detection, dedicated short range communication, etc. already installed or planned.

8. In the event of a conflict, the more restrictive provision shall govern.