

**Supplemental Specification
2017 Standard Specification Book**

SECTION 13556M

CLOSED CIRCUIT TELEVISION (CCTV) ASSEMBLY

Delete Article 1.1, Paragraph B and replace with the following:

- B. Installation of State furnished non-lowering and camera lowering CCTV poles and AXIS CCTV assembly.

Delete Article 2.1 and replace with the following:

2.1 STATE FURNISHED EQUIPMENT

- A. CCTV Pole or Luminaire Pole.
 - 1. Non-Lowering CCTV pole - 45 ft or 60 ft steel pole with anchor bolts
 - 2. Camera Lowering Poles – 45 ft, 60 ft, or 75 ft steel pole with anchor bolts
 - 3. Luminaire Mounted CCTV- luminaire vertical extensions on signal poles
- B. CCTV Assembly
 - 1. Positioner camera assembly- includes the integrated camera and pan tilt unit, base, push-pull RJ-45 connector kit and POE++ (Power supply and AC cord)
 - 2. Pole mounted camera assembly - pole adapter plate AXIS T94N01G and wall mounted arm AXIS T94J01A
 - 3. Top Pole Mount - Pelco EPP to AXIS Q6215-LE adapter bracket
 - 4. Refer to AT Series Standard Drawings to identify the required component parts, installation details, and wiring diagrams.
- C. Camera Lowering System
 - 1. Camera lowering assembly including suspension contact unit, pole adapter for attachment to a pole top tenon, pole top junction box, steel cable, pulleys, support arm, camera connection junction box, portable camera lowering tool, and Pelco EPP to AXIS Q6215-LE adapter bracket.
 - 2. Amphenol LTW RJ45 D size double screw connector (see AT Series Standard Drawings)

- D. Data surge suppressor
- E. Pole mounted 336 cabinet or ground mounted 334 cabinet

Delete Article 2.4, Paragraph E

Add Article 2.7.

2.7 NON ARMORED CAT 6 SHIELDED CABLE AND CONNECTORS

- A. Provide Non Armored Cat 6 Shielded Cable.
 - 1. Use Omni Cable J662304-05 23/4PR CMR Cat 6 Shielded Blue Riser, Superior Essex Part No. 04-001-64, Paige Datacom Solutions GameChanger Shielded OSP Cable Part No. 258340804 or approved equivalent.
- B. Provide shielded RJ45 connectors for Cat 6 cable

Delete Article 3.2, Paragraph C and D and replace with the following:

- C. Clear equipment exterior of all loose rust and mill scale, dirt, oil, grease, and other foreign substances.

Delete Article 3.7 and replace with the following:

- A. Install CCTV cables in conduit and poles.
 - 1. Run cables continuously and without splices between camera and cabinet.
 - 2. Do not exceed 300 ft for length of Cat 6 cable unless approved by the Engineer.
 - 3. Use cable cord grip when and where exposed cables enter the pole.
- B. Keep cable ends sealed at all times during installation until connectors are installed using an approved cable end cap.
- C. Install cable without violating the minimum bending radius and the maximum pulling tension recommended by the manufacturer's specifications at any time.
- D. Provide 6 ft of CCTV cable slack placed in the junction box adjacent to the cabinet. Refer to Section 13555.

- E. Make all camera cable connections between the CCTV camera, surge suppression device, and communications equipment, as required to provide a fully operational CCTV system.