GENERAL NOTES:

1. Lowering device to be shipped ready for pole attachment to include 100 ft. of composite power and signal cable prewired to lowering device at the factory.

2. The lowering device manufacturer shall supply both a portable lowering tool with a manual hand crank and a half-inch chuck variable-speed reversible industrial-duty electric drill that matches the winch manufacturer-recommended revolutions per minute. One lowering tool per every 10 lowering devices is required.

3. The lowering device manufacturer shall provide an on-site installation inspection and operator instruction and certification. This ensures the product is assembled correctly and that all necessary persons are trained in the proper, safe operation of the system. Before erecting the first pole, the contractor must contact the lowering device supplier and schedule a manufacturer’s representative to be on-site.


5. Camera to be mounted to camera junction box and stabilizing weight via 1 ½” Standard NPT Pipe Thread.

6. Use air terminal extension when the pole top junction box is wider than top of pole.

7. The stainless steel device lowering cable shall be installed inside the pole within a 1 ½” diameter PVC conduit.

8. All communication and power cables must be neatly bundled and secured.


10. See Index 18113 for concrete pole details and Index 18111 for steel pole details.

See Index 18113 for concrete pole details and Index 18111 for steel pole details.
GENERAL NOTES:

1. Verify the pole type, the dimensions of the pole at the point of installation of the camera mount, and angle with respect to the roadway before manufacturing camera mount assembly.

2. Design camera mounting arm and connection to the pole according to FDOT Structures Manual (current edition).

3. No field welding shall be permitted.

4. Mounting bracket arm shall be level after installation.

5. The contractor shall submit shop drawings for the proposed fixed mounting arm, signed and sealed by a Professional Engineer registered in the State of Florida, to the Engineer for review and approval.

6. See Index 18113 for concrete pole details and Index 18111 for steel pole details.

7. Galvanized pipe connections and conduit entry points shall be sealed in accordance with Section 650 of the Standard Specifications.

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CAMERA MOUNTING WITH FIXED BRACKET

SECTION AA

Not To Scale

1. Mounting the CCTV Camera Housing With CCTV Camera Manufacturer For Bracket Design And Flange Connection

2. Provisions for CCTV Camera Designed To Match Mounting Fixed Mounting Bracket Must Be Designed To Match Mounting Provisions for CCTV Camera

3. Brass Type Camera Fitting

4. Strain Relief

5. Provisions For CCTV Camera Designed To Match Mounting


7. Pole Plate With Stainless Steel Band (Or Method Approved By Engineer)

8. Bond #4 AWG Tin-Plated Bare Solid Copper Ground Wire To Camera Support Base By An Aluminum To Copper #2-#14 AWG Lug. Attached To Camera Base With A Stainless Steel Screw. Remove Paint Or Protective Coating Where Attaching Lug.

9. Bracket Design May Vary By CCTV Manufacturer

10. Camera Connector Harness Supplied To Match Camera


12. Pole Plate With Stainless Steel Band (Or Method Approved By Engineer)

13. Cabling To Camera

14. Pole Details

15. The Contractor Shall Coordinate Mounting The CCTV Camera Housing

16. SECTION AA

17. Not To Scale

18. GENERAL NOTES: