TYPICAL MAST ARM CAMERA MOUNTING DETAILS

**NOTES:**

1) All camera detection equipment shall be furnished and installed by Contractor.

2) It is desirable for cables between the camera and the traffic signal control cabinet to be contained. However, a splice approved for outdoor use will be allowed in the transformer base of the signal pole.

3) Camera detector cables shall be run throughout inside of pole and mast arm over to camera and splice.

4) Cables for camera operation shall be as indicated in the special provisions and shall be in accordance with the applicable provisions of the manufacturer of the video detection system used.

5) Where the cables are routed through the mast arm, provide bushings to protect the cables.

6) The 6-foot camera mounting extension assembly shall consist of a mast arm mounting bracket that is constructed of cast aluminum. The mast arm mounting bracket shall be attached to the mast arm with stainless steel straps, using stainless steel mounting hardware.

7) A 1/2" half coupling, 1 1/2" pipe nipple and conduit outlet body for camera cables shall be pas on the under side of mast arm see signal layout for location of hub.

**TYPICAL INTERSECTION LAYOUT USING CAMERAS**

(DRAWING NOT TO SCALE)
LICENSED PROFESSIONAL ENGINEER

CAMERA SHALL BE INSTALLED AT LEAST 40' ABOVE ROADWAY.

EXTENSION UP TO CAMERA (NO SPLICES).
BASE THROUGH INSIDE OF POLE AND LUMINAIRE
RUN VIDEO DETECTOR CABLES FROM SIGNAL

CAMERA INSTALLATION DETAIL

SUNSHIELD
FIELD OF VIEW
MOUNTING BRACKET
STAINLESS STEEL
BANDING (BY CONTRACTOR)
LUMINAIRE ARM LOCATION
WEATHERTIGHT
CABLE ENTRIES
(SEE NOTE #4)

NOTES:
1) ALL CAMERA DETECTION EQUIPMENT SHALL BE FURNISHED AND INSTALLED
BY CONTRACTOR.
2) IT IS DESIRABLE FOR CABLES BETWEEN THE CAMERA AND THE TRAFFIC SIGNAL CONTROL
CABINET TO BE CONTINUOUS. HOWEVER, A SPLICE APPROVED FOR OUTDOOR USE WILL
BE ALLOWED IN THE TRANSFORMER BASE OF THE SIGNAL POLE.
3) CABLES FOR CAMERA OPERATION SHALL BE AS INDICATED IN THE SPECIAL PROVISIONS
AND SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE
MANUFACTURER'S VIDEO DETECTION SYSTEM USED.
4) A 3/4" HALF COUPLING, 3/4" PIPE NIPPLE AND CONDUIT OUTLET BODY FOR CAMERA
CABLES SHALL BE PAIRED IN THE UNDER SIDE OF MAST ARM SEE SIGNAL LAYOUT FOR LOCATION OF HUB.

TYPICAL INTERSECTION LAYOUT USING CAMERAS
(DRAWING NOT TO SCALE)