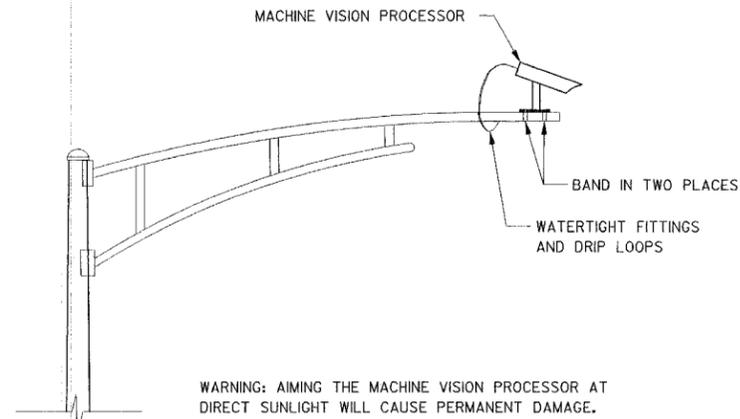
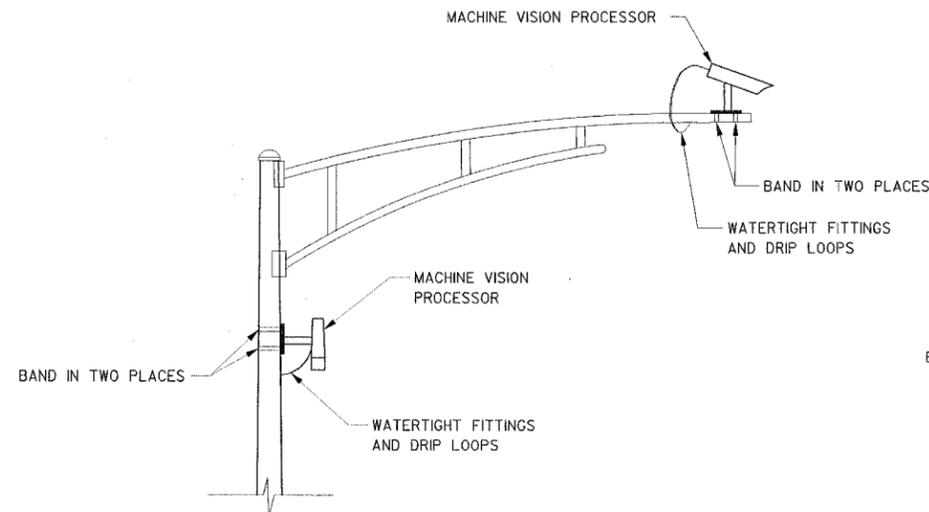


F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2605 02-00170-09-CH	LAKE	66	31
TRAFFIC SIGNAL DESIGN DETAILS			
FED. ROAD DIST. NO. 5	ILLINOIS	PROJECT	CMM-8003(207)
CONTRACT NO. 83837			



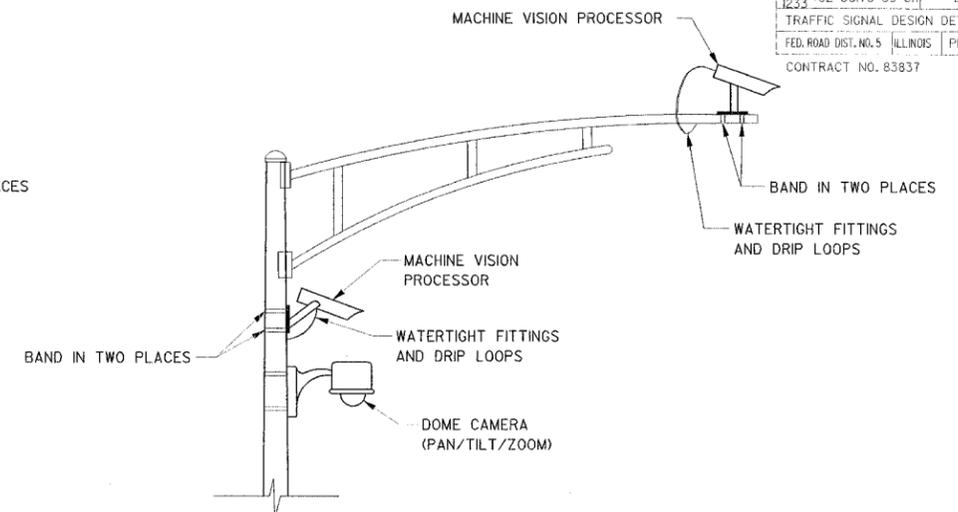
**MACHINE VISION PROCESSOR  
MOUNTING DETAIL**

(NOT TO SCALE)



**DUAL MACHINE VISION PROCESSORS  
MOUNTING DETAIL**

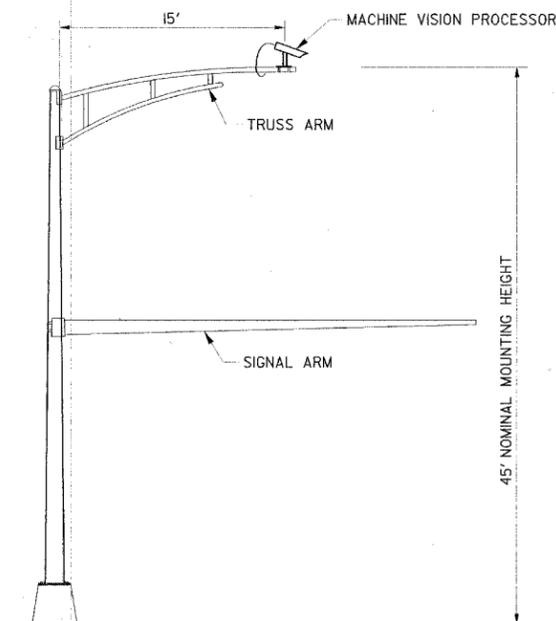
(NOT TO SCALE)



**DUAL MACHINE VISION PROCESSORS AND  
DOME (PTZ) CAMERA MOUNTING DETAIL**

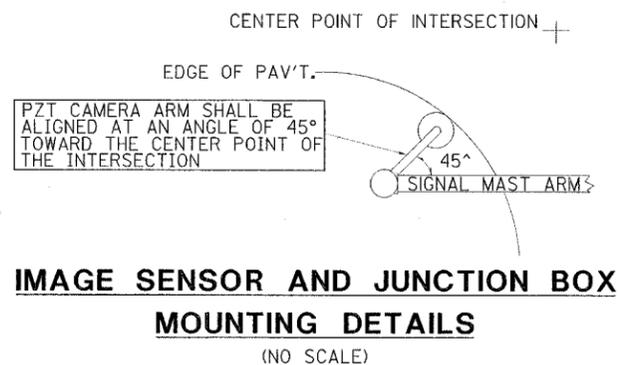
(NOT TO SCALE)

- NOTES FOR SINGLE, DUAL AND MULTIPLE MVP MOUNTING:
- MOUNT LUMINAIRE MOUNTING BRACKET AS HIGH AS POSSIBLE.
  - AIM BRACKET TOWARD DIRECTION OF TRAFFIC TO BE DETECTED.
  - MOUNT MACHINE VISION PROCESSOR AIMING DOWN AT 30 DEGREE ANGLE.



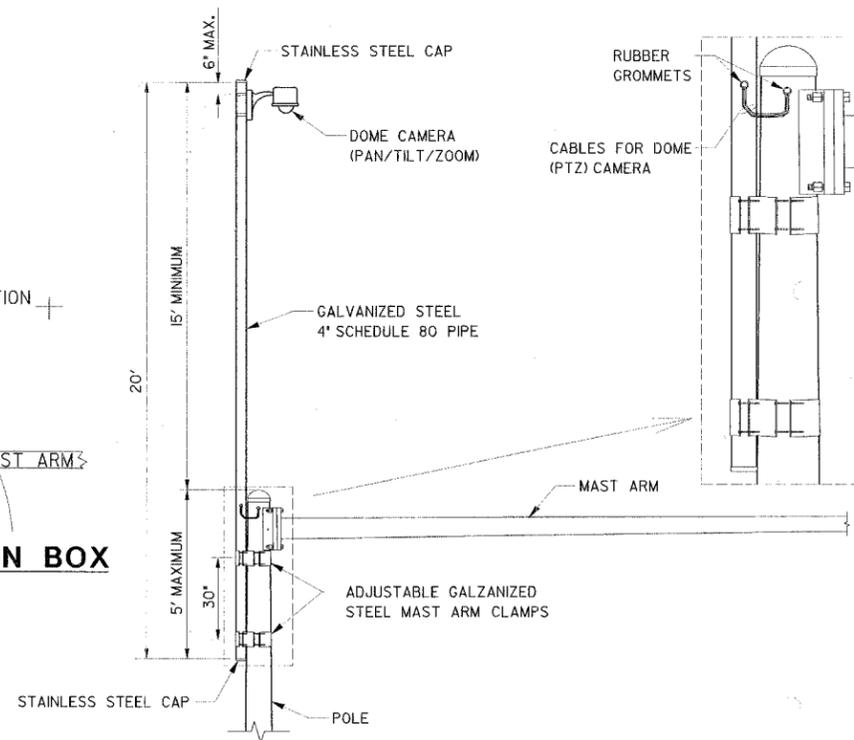
**COMBINATION MAST ARM ASSEMBLY  
MOUNTING DETAIL**

(NOT TO SCALE)



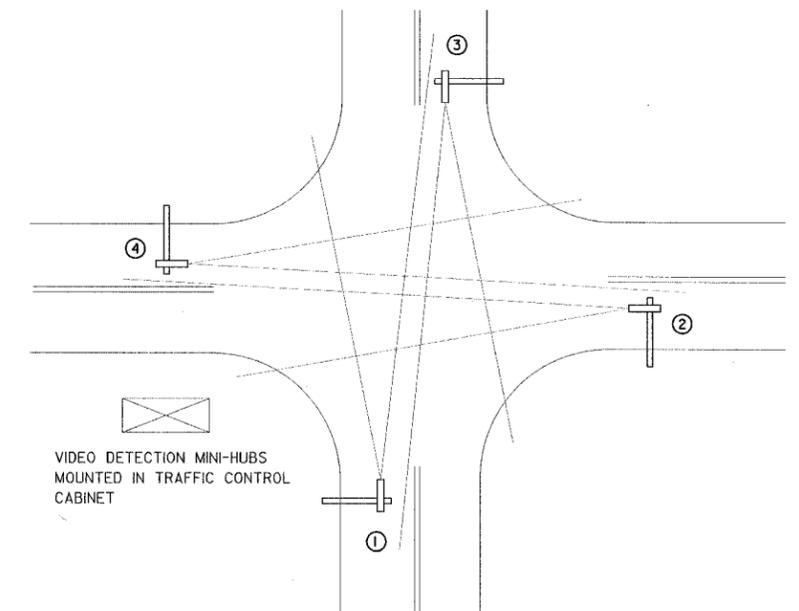
**IMAGE SENSOR AND JUNCTION BOX  
MOUNTING DETAILS**

(NO SCALE)



**DOME CAMERA MOUNTING ASSEMBLY DETAIL**

(NOT TO SCALE)



**TYPICAL VIDEO VEHICLE  
DETECTION SYSTEM**

(NOT TO SCALE)

- (4) MACHINE VISION PROCESSOR ASSEMBLIES AND BRACKETS ① ② ③ ④  
POWER CABLE TO EACH MACHINE VISION PROCESSOR (24 VAC)

REVISIONS	NAME	DATE

Lake County  
Division of Transportation

**VIDEO DETECTION DETAILS  
VIDEO DETECTION SYSTEM  
WINCHESTER RD AT MIDLOTHIAN RD**

SCALE: NONE  
DATE: 13-Dec-05 15:20

DESIGNED BY: JPS  
CHECKED BY: ANK