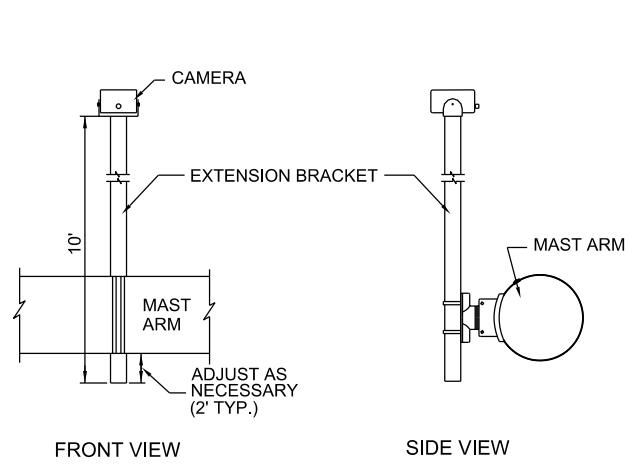
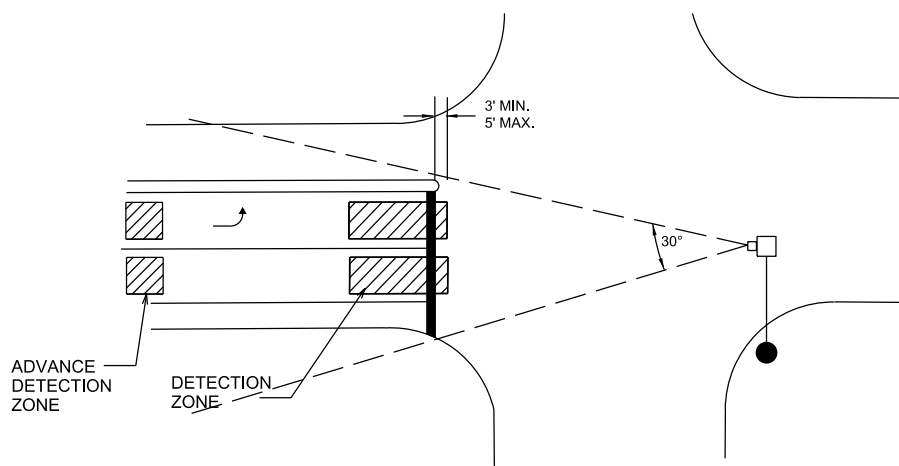
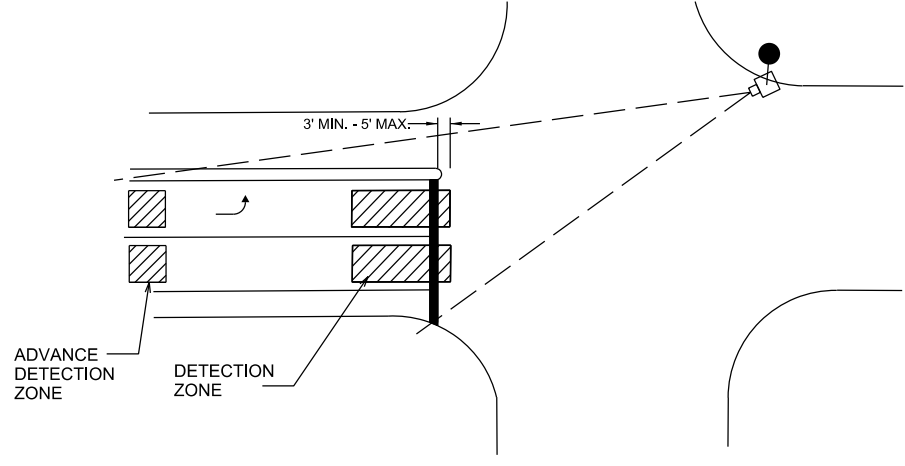




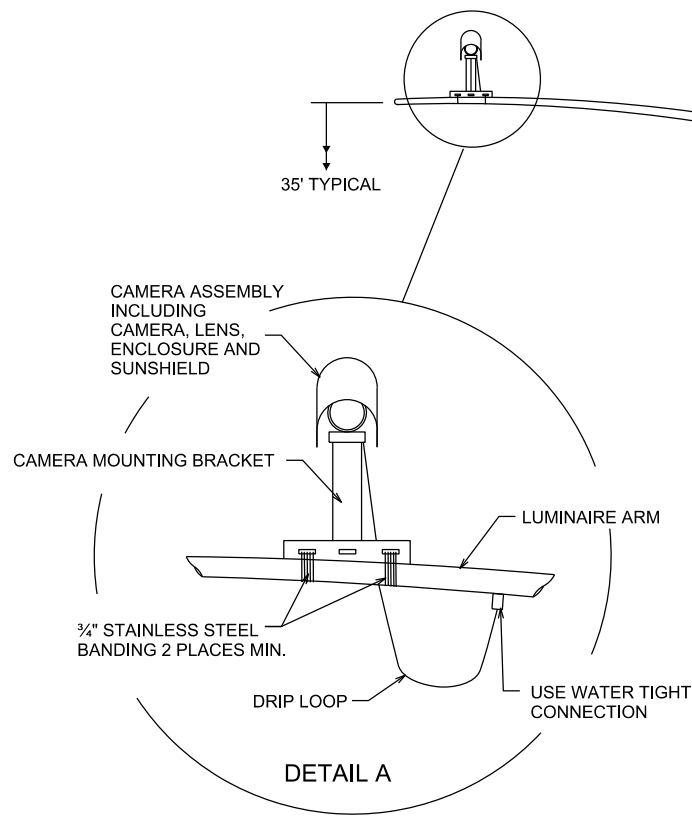
ALTERNATE CAMERA MOUNTING DETAIL
(MAST ARM)
(TO EXTEND CAMERA
HEIGHT ABOVE MAST ARM)



STANDARD VIDEO DETECTOR DETAIL

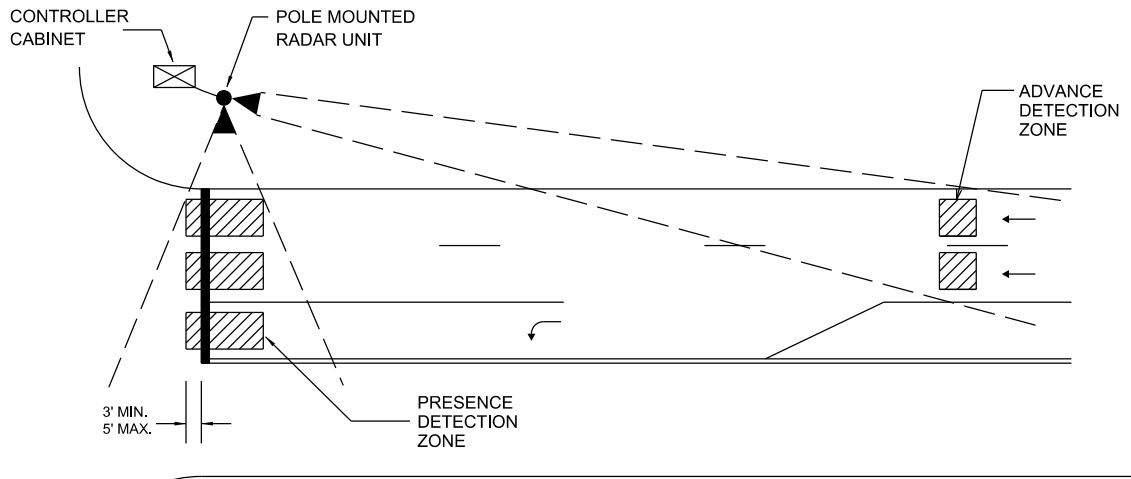


ALTERNATIVE VIDEO DETECTOR DETAIL



VIDEO DETECTION DETAIL

- VIDEO DETECTION NOTES:
1. VIDEO DETECTOR SHALL BE RIGIDLY MOUNTED.
 2. USE 3/4" STAINLESS STEEL BANDING MATERIAL TO HOLD ALL CAMERA MOUNTS.
 3. WHEN AIMING CAMERA, HORIZON SHALL NOT BE VISIBLE IN THE FIELD OF VIEW.
 4. CAMERA ENCLOSURE ASSEMBLY SHALL BE ROTATABLE AFTER INSTALLATION TO PROVIDE PROPER ALIGNMENT.
 5. ALL CABLE ENTRY/EXIT POINTS IN THE POLE SHALL BE WATER TIGHT.
 6. CAMERA MOUNTING BRACKETS SHALL BE PINNED IF DIRECTED BY THE ENGINEER.
 7. SUNSHIELD SHALL BE EXTENDED UNTIL IT IS IN THE CAMERA FIELD OF VIEW. THE SUNSHIELD SHALL THEN BE RETRACTED UNTIL THE SUNSHIELD LEAVES THE FIELD OF VIEW.
 8. A VIDEO CAMERA MANUFACTURE REPRESENTATIVE SHALL BE PRESENT DURING CAMERA INSTALLATION AND SETUP.



RADAR DETECTOR DETAIL

- RADAR DETECTION NOTES:
1. RADAR DETECTOR MOUNTING HEIGHT
15' - 25' (STOP LINE DETECTION)*
17' - 40' (ADVANCE DETECTION)*
 2. CORNER FIRE RADAR DETECTOR TO DETECT LEFT TURN AND THROUGH LANES SEPARATELY.

*SEE MANUFACTURER DETAILS FOR SPECIFIC MOUNTING HEIGHTS. ADDITIONAL MOUNTING HEIGHTS MAY BE USED IF OFFSET FROM THE EDGE OF THE ROAD IS ADJUSTED.

ADVANCE DETECTION ZONES	
APPROACH VEHICULAR SPEED (MPH)	SETBACK DETECTION PLACEMENT DISTANCE FROM STOP LINE (FEET)
35	285
40	325
45	365
50	405
55	445
60	485

REV 8-31-26 MODIFIED
STANDARD VIDEO
DETECTOR DETAIL
AND ADDED ALTERNATIVE
VIDEO DETECTION DETAIL

MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
STANDARD
DRAWING
DEPARTMENT OF TRANSPORTATION

ALTERNATE
DETECTION
DETAILS

T-SG-3B