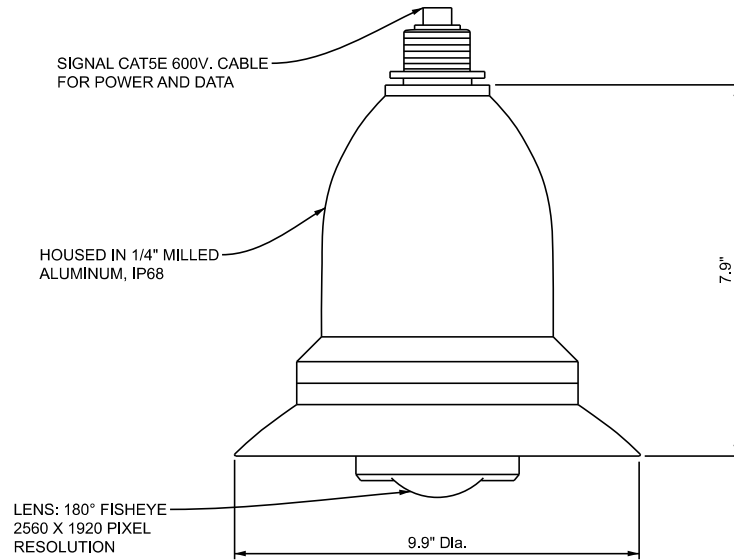
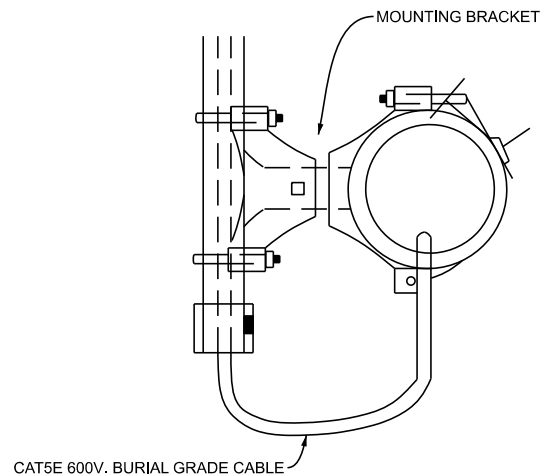




A DETAIL - HEMISPHERICAL CAMERA
NTS



TYPICAL WIRING OF BRACKET ARM/MAST
ARM MOUNTED HEMISPHERICAL CAMERA
AND MOUNTING BRACKET

B DETAIL - TYPICAL WIRING OF BRACKET ARM/MAST
NTS

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

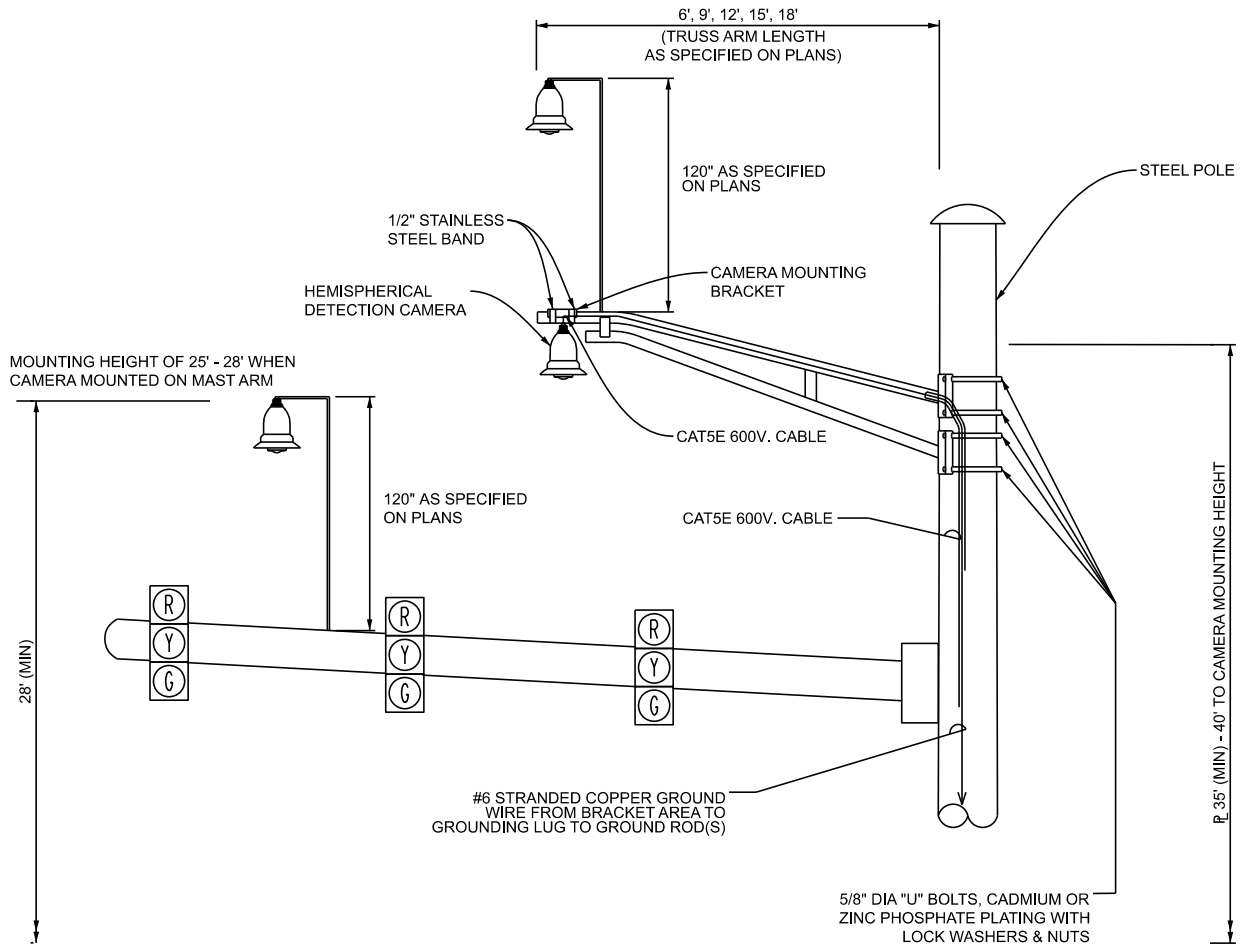
STANDARD PLAN FOR
HEMISPHERICAL VIDEO
DETECTION SYSTEM

(SPECIAL DETAIL)
FHWA APPROVAL

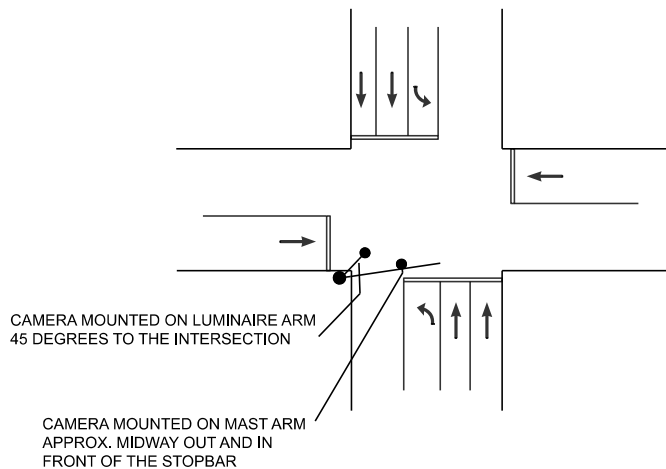
05/30/23
PLAN DATE

SIG-431-A

SHEET
1 OF 2



C DETAIL - MAST ARM/BRACKET TRUSS ARM MOUNTING DIAGRAMS
NTS



D DETAIL - HEMISPHERICAL CAMERA PLACEMENT
NTS

NOTES:

1. CAMERA SHOULD BE MOUNTED AT LEAST 35' HIGH WHEN USING A LUMINAIRE ARM AND NO LESS THAN 28' WHEN USING A MAST ARM OR AS SPECIFIED ON THE PLANS.
2. MAST ARM MOUNTS ARE ONLY ACCEPTABLE IF THE CAMERA CAN BE LOCATED NEAR THE CENTER OF THE INTERSECTION WITH NO OCCLUSION.
3. CAMERA MUST BE LESS THAN 75' FROM THE INTERSECTION CENTER WHEN MOUNTED ON A LUMINAIRE ARM AND 50' ON MAST ARM.
4. CAMERA SHOULD BE LOCATED WITH THE LEAST AMOUNT OF OCCLUSION.
5. INSTALLER SHOULD AIM FOR THE BEST "READ-ON" VIEW OF ALL APPROACHES.
6. HEMISPHERICAL CAMERA SHALL ONLY BE INSTALLED ON STEEL POLES.



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR
HEMISPHERICAL VIDEO
DETECTION SYSTEM

(SPECIAL DETAIL)
FHWA APPROVAL

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PLAN DATE

SIG-431-A

SHEET
2 OF 2

SECT