HEMISPHERICAL CAMERA

Signal Cat5e 600V, cable for power and data

Housed in 1/4" milled aluminum. JP68

Lens: 180° Fisheye
2560 x 1920 pixel resolution

9.3" Dia.

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

Mounting Bracket

Cat5e 600V, burial grade cable

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN FOR
HEMISPHERICAL VIDEO DETECTION SYSTEM

SIG-431-A

ENGINEER OF DELIVERY
ENGINEER OF DEVELOPMENT
(SPECIAL DETAIL)
FHWA APPROVAL DATE

PLAN DATE

1 of 2
HEMISPHERICAL CAMERA PLACEMENT
RELATIVE TO INTERSECTION

Notes:
1. Camera should be mounted at least 30' high when using a luminaire arm and no less than 25' 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 "head-on" view of all approaches.

6. Hemispherical camera shall only be installed on steel poles.