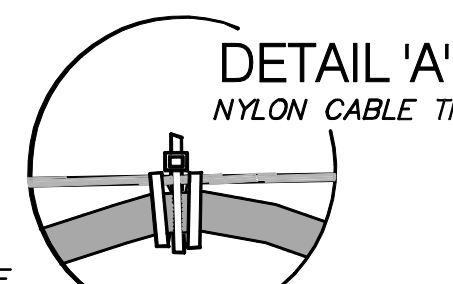


VIDEO DETECTION CAMERA w/
MOUNTING HARDWARE AS
REQUIRED

WESTAR POWER TRANSMISSION
POWER CONNECTION TO BE MADE BY K.G.&E.
(CONTRACTOR TO INSURE SUFFICIENT WIRE IS
LEFT AT WEATHER HEAD TO RUN UP TO AND
MAKE CONNECTION AT SECONDARY.)
MOLDING (INSTALLED BY K.G.&E.)
WESTAR POWER DISTRIBUTION



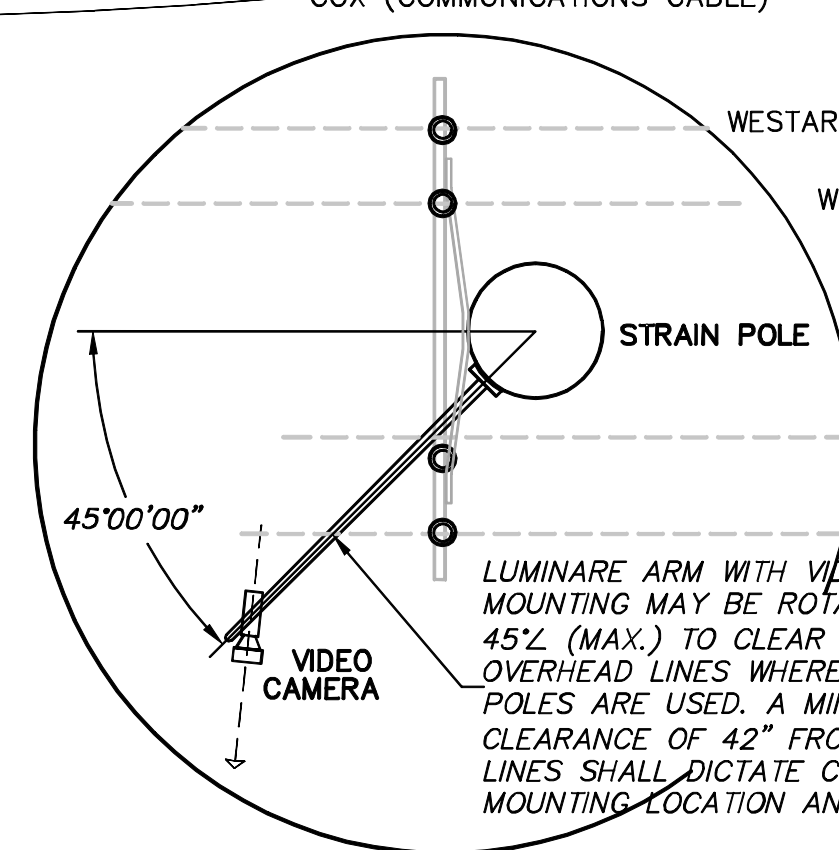
BLACK WEATHERABLE NYLON TIES AS
REQUIRED TO SECURE SIGNAL CABLE(S)
(SPACING = 24" CTRS TYPICALLY)
(WRAP CABLE TIE & CLIP EXCESS STRAP)

TYPICAL 3-SECTION SIGNAL HEAD w/
CIRCUIT QUICK-DISCONNECT HANGER

MULTI-CONDUCTOR SIGNAL CABLE
(5C #14 AWG STRANDED WIRE)
GROUND WIRE (THNN #8 AWG)

VIDEO POWER CABLE
(3C #16 AWG STRANDED WIRE)
VIDEO CABLE (750hm COAXIAL)

DETAIL "B"
THIS SHEET



LUMINAIRE ARM WITH VIDEO CAMERA
MOUNTING MAY BE ROTATED TO A
45% (MAX.) TO CLEAR ELECTRIC
OVERHEAD LINES WHERE JOINT USE
POLES ARE USED. A MINIMUM
CLEARANCE OF 42" FROM ALL WESTAR
LINES SHALL DICTATE CAMERA
MOUNTING LOCATION AND TYPE.



24" x 30"

TYPICAL STACKED 5-SECTION
SIGNAL HEAD w/ CIRCUIT
QUICK-DISCONNECT HANGER
SHOWN w/ OPTIONAL BACKPLATE
INSTALLED

PROPER SIZED SERVING
SLEEVE TO BE INSTALLED
AT CABLE END.
TYPICAL ALL CABLE ENDS

SEE NOTE #2

SEE NOTE #3

- 3/4" EMT
- METER BOX (TO BE OBTAINED FROM WESTAR and
INSTALLED BY CONTRACTOR.)
- METER (INSTALLED BY WESTAR)
- WEATHERPROOF POWER DISCONNECT
3/4" HUB-70 AMP MAIN LUG
W/BREAKER ACCORDING TO N.E.C.
- CONDUIT CLAMPS (MAX SPACING= 5.0')
2 HOLE CLAMP(S)
- CONDUIT (1.0" RIGID STEEL GALV w/
1/C TYPE #8 GREEN THNN STRANDED WIRE)
- CONDUIT (3" RIGID STEEL GALV. WITH
Multi-Conductor THNN STRANDED WIRE)
- GROUND CLAMP/WIRE w/STAPLE FASTENERS
(WIRE: #6 BARE-SOLID)
- GROUND ROD 5/8" x 8'-0"
- GROUND LEVEL

24 TO 30"
MIN-MAX DEPTH

TO CONTROLLER

Drawing File: E:\Hoover and MacArthur Intersection\Base

Design: TA
Drawn: STAFF
Approved: JFB
Scale: 1:20

Project No. 07-02.E/59 CAPITAL IMPROVEMENT PROJECT
SIGNALIZATION DETAILS
MacArthur Rd @ Hoover
WOOD STRAIN WIRE POLE w/ STACKED 5SECTION SIGNAL & VIDEO CAMERA MOUNT

Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

January, 2008
SHEET 26
OF 33