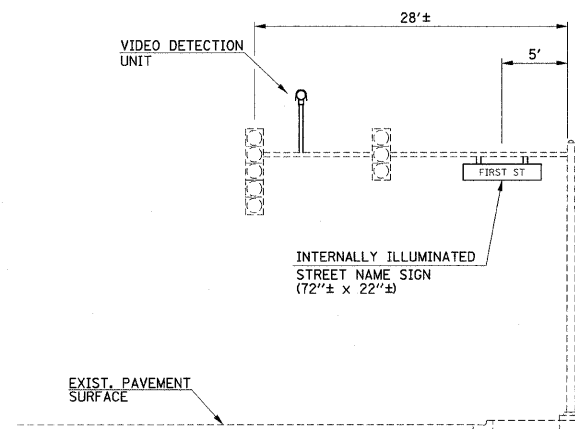
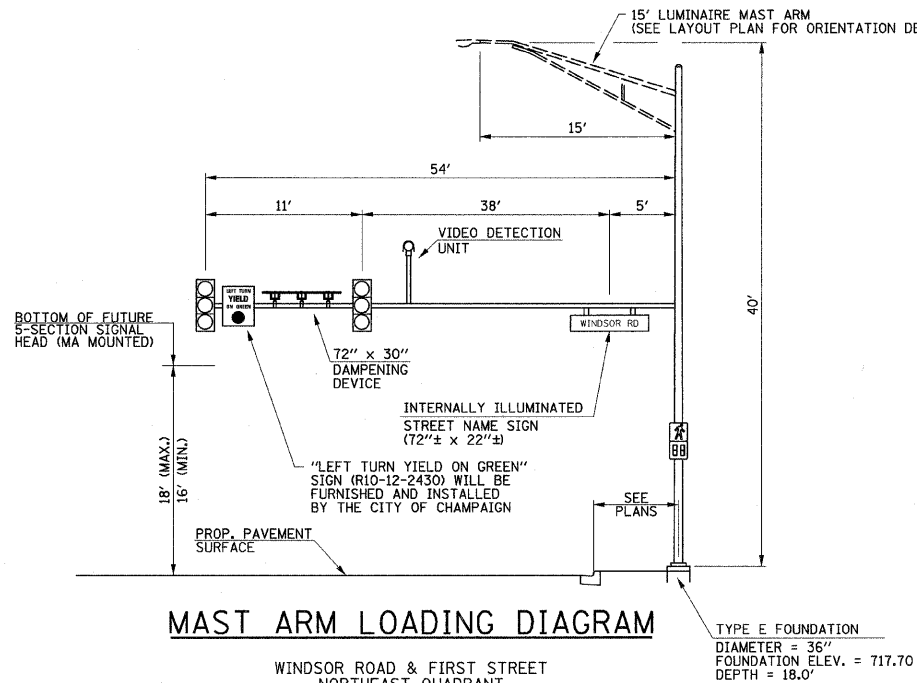


## NOTES:

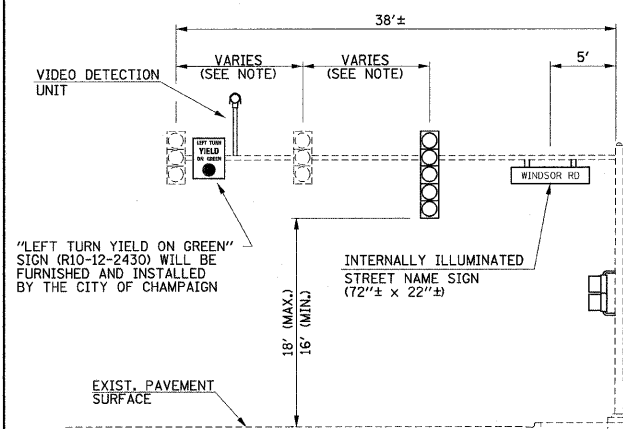
- REFER TO THE TECHNICAL SPECIFICATIONS FOR INFORMATION ON THE COAXIAL CABLE AND FACTORY-MADE PIGTAIL CABLE.
- FIELD-ASSEMBLED POWER CABLES WILL NOT BE ACCEPTED.
- THE PIGTAIL AND POWER CABLES SHALL BE SPLICED AT THE MAST ARM POLE HANDHOLE.
- THE COAXIAL CABLE SHALL BE A CONTINUOUS UNBROKEN RUN FROM THE VIDEO CAMERA TO THE VIDEO DETECTION PROCESSOR. SPLICES SHALL NOT BE ALLOWED.
- DO NOT TWIST CABLES.



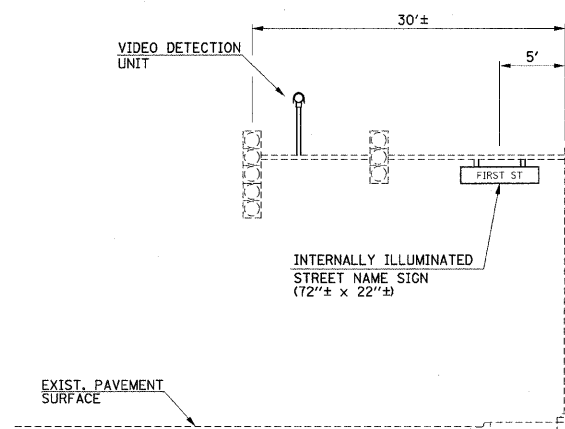
MAST ARM LOADING DIAGRAM

WINDSOR ROAD & FIRST STREET  
NORTHWEST QUADRANT

MAST ARM LOADING DIAGRAM

WINDSOR ROAD & FIRST STREET  
NORTHEAST QUADRANT

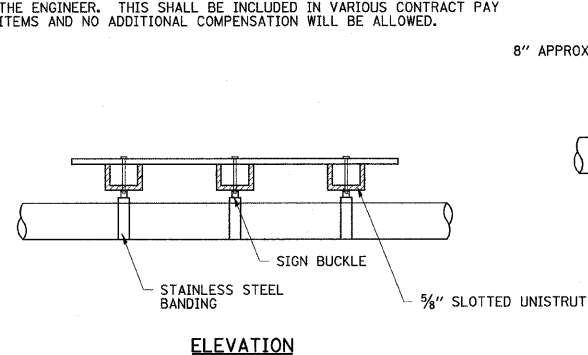
MAST ARM LOADING DIAGRAM

WINDSOR ROAD & FIRST STREET  
SOUTHWEST QUADRANT

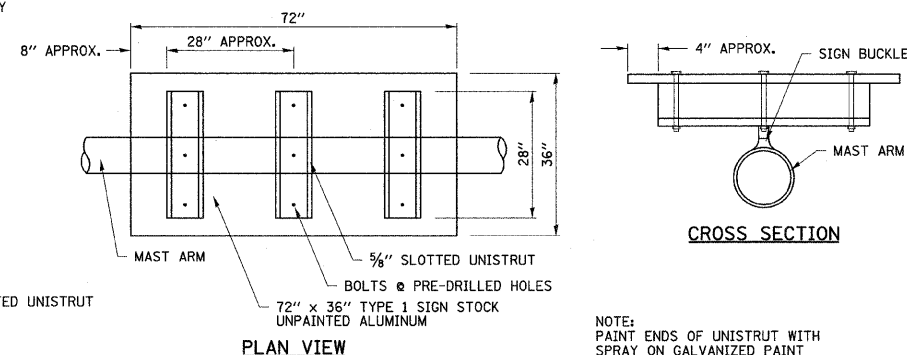
MAST ARM LOADING DIAGRAM

WINDSOR ROAD & FIRST STREET  
SOUTHEAST QUADRANT

NOTE:  
THE EXISTING AND PROPOSED SIGNAL HEADS SHALL BE FIELD ADJUSTED FOR OPTIMAL VISIBILITY FROM THE APPROACH LEG AND AS DIRECTED BY THE ENGINEER. THIS SHALL BE INCLUDED IN VARIOUS CONTRACT PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



ELEVATION

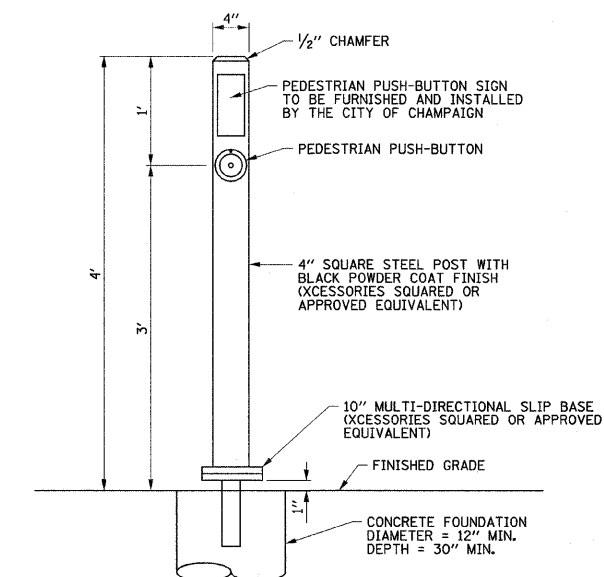


PLAN VIEW

CROSS SECTION

MAST ARM MOUNTED DAMPENING DEVICE DETAILS

TRAFFIC SIGNAL MOUNTING DETAILS

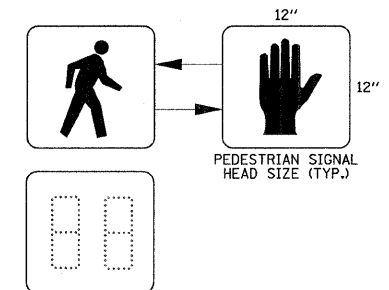
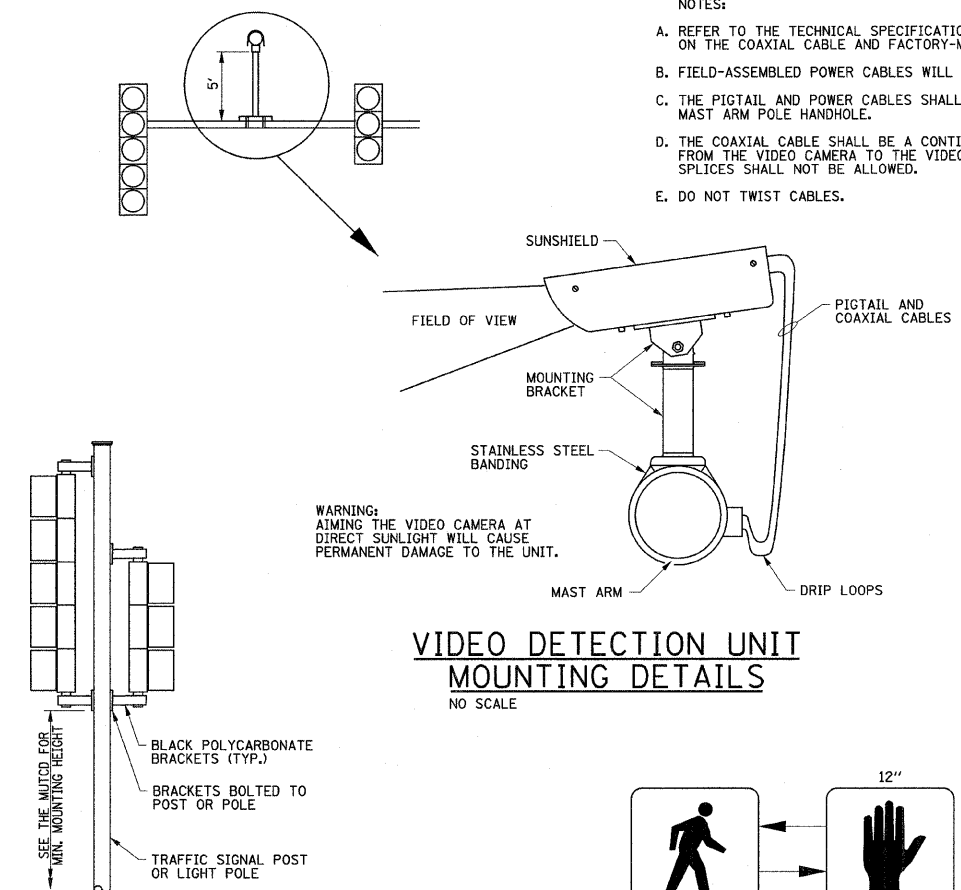
ONE 3-SECTION SIGNAL HEAD AND ONE 5-SECTION SIGNAL HEAD  
BRACKET MOUNTED WITH BOTTOM SECTIONS AT COMMON ELEVATION

PEDESTRIAN PUSH-BUTTON POST

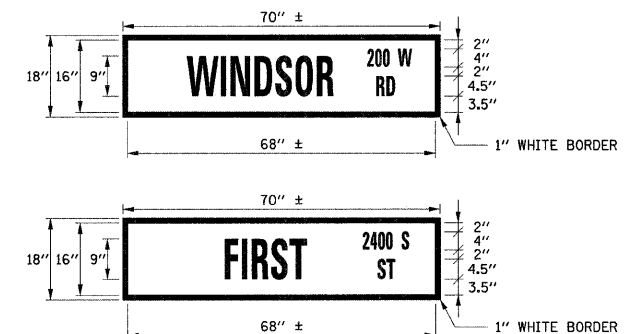
NO SCALE

VIDEO DETECTION UNIT  
MOUNTING DETAILS

NO SCALE

PEDESTRIAN COUNTDOWN  
SIGNAL DISPLAY DETAIL

NO SCALE

INTERNALLY ILLUMINATED STREET  
NAME SIGN FACE DETAILS

NO SCALE

- NOTES:
- WHITE LETTERING ON GREEN BACKGROUND  
SIGN LETTERING SHALL BE SERIES C.
  - CONTRACTOR TO FURNISH SIGN WITH CLEAR POLYCARBONATE SIGN FACE  
AND CITY OF CHAMPAIGN TO FURNISH ALL SIGN GRAPHICS.

FILE NAME =  
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PLOT DATE =  
2/6/2009 11:16:32 AM

DESIGNED - S.M.W.	REVISED -
DRAWN - S.M.W.	REVISED -
CHECKED - J.A.J.	REVISED -
DATE - 2-09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

## TRAFFIC SIGNAL PLANS - DETAILS

SCALE : NONE SHEET NO. 32 OF 44 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7170	08-00277-00-PV	CHAMPAIGN	44	32
CONTRACT NO. 91397				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT HD-5181 (044)				