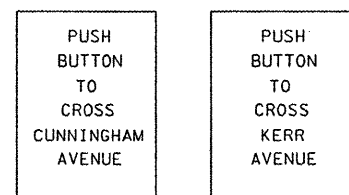
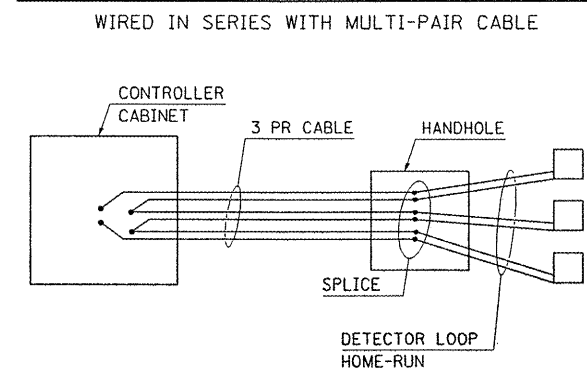
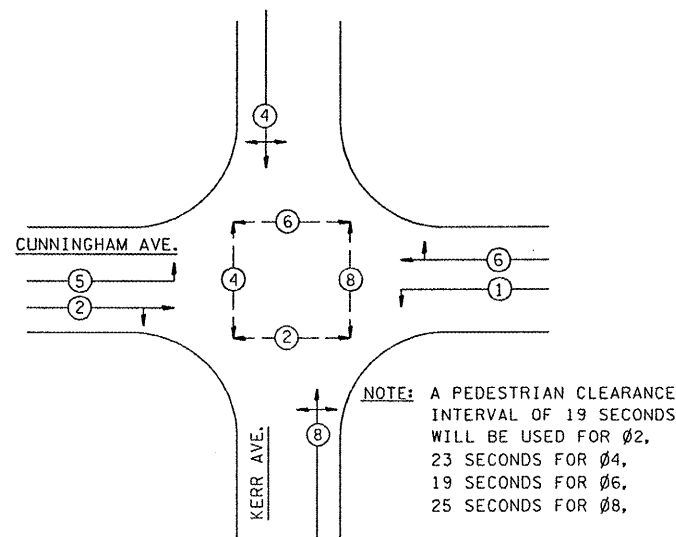


DETAIL OF DETECTOR LOOP WIRING



PHASE DESIGNATION DIAGRAM



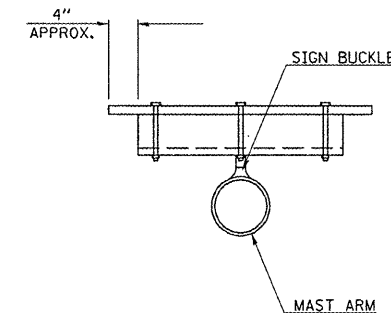
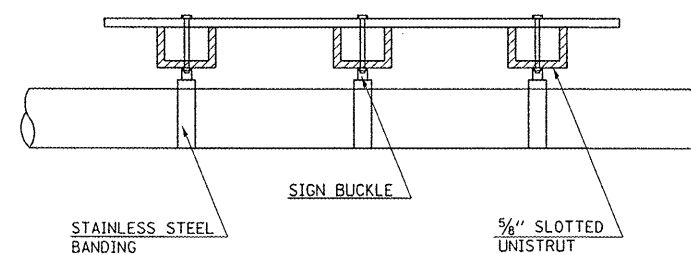
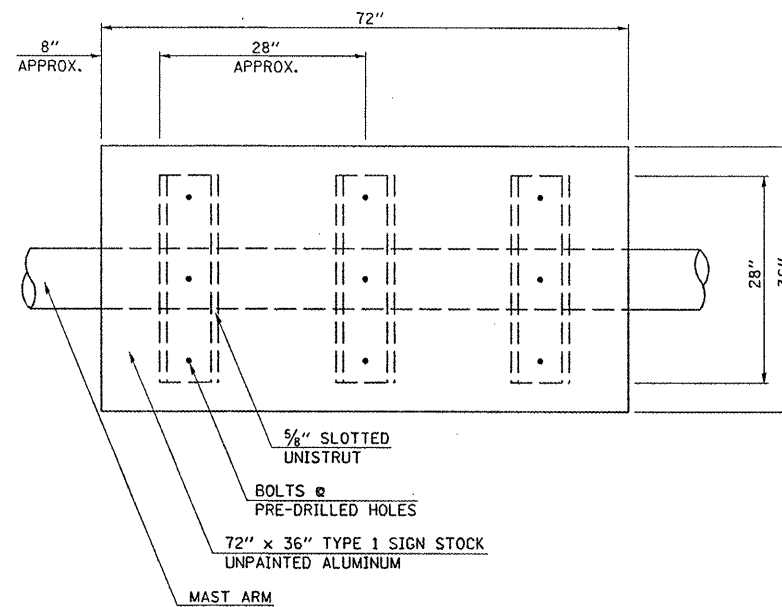
ITEMS TO BE RETURNED TO THE CITY OF URBANA

ITEM	QUANTITY
TS POST UNFINISHED ALUM. (SE QUAD)	1 EA.
LED MODULES	36 EA.
PEDESTRIAN PUSH-BUTTONS	4 EA.
LIGHT DETECTOR / BEACON	1 EA.
LIGHT DETECTOR AMPLIFIER	1 EA.
CONTROLLER	1 EA.
CONFLICT MONITOR	1 EA.

GENERAL NOTES

- THE FOLLOWING SIGNAL HEADS SHALL BE WIRED IN PARALLEL AT THE MAST POLE HANDHOLE: (A2, A3), (B2, B3), (C2, C3), (D2, D3) - EACH MAST ARM MOUNTED SIGNAL HEAD SHALL HAVE ITS OWN INDIVIDUAL CABLE FROM THE MAST POLE HANDHOLE TO THE SIGNAL HEAD.
- THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND TRAFFIC CONTROLLER WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- POST MOUNTED SIGNALS SHALL BE INSTALLED SO THAT NO PART OF THE SIGNAL HEAD IS WITHIN 2 FT. OF THE FACE OF CURB.
- ALL MAST ARM POLES SHALL BE A MINIMUM OF 6 FT. FROM THE CENTER OF THE POLE TO THE FACE OF CURB (ON THE MAST ARM SIDE) OR AS SHOWN ON THE PLANS.
- ALIGN ADJACENT RED INDICATIONS TO SAME HEIGHT ABOVE PAVEMENT.
- THE BASE FOR A TRAFFIC SIGNAL POST SHALL BE SITUATED SUCH THAT THE HANDHOLE IS LOCATED ON A SIDE AWAY FROM A TRAVELED LANE.
- PEDESTRIAN PUSHBUTTON SIGNAL SIGNS SHALL BE MOUNTED ABOVE THE APPROPRIATE PEDESTRIAN PUSHBUTTON.
- THE ANTI-BACKUP FEATURE SHALL BE HARDWIRED ON THE BACKPANEL OF THE CONTROLLER CABINET.

MAST ARM DAMPENING DEVICE MOUNTING DETAIL



NOTE: PAINT ENDS OF UNISTRUT WITH SPRAY ON GALVANIZED PAINT

FILE NAME =	USER NAME = biggsrd	DESIGNED - RDB	REVISED -
ca:\pwwork\VPWID01\816GSRD\dms85573\70735.signals.dgn	5.signals.dgn	DRAWN - RDB	REVISED -
PLOT SCALE = 20.0000 / IN.		CHECKED -	REVISED -
PLOT DATE = 3/25/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE. 800	SECTION (28)TS	COUNTY CHAMPAIGN	TOTAL SHEETS 13	SHEET NO. 10
CONTRACT NO. 70735				
ILLINOIS FED. AID PROJECT				