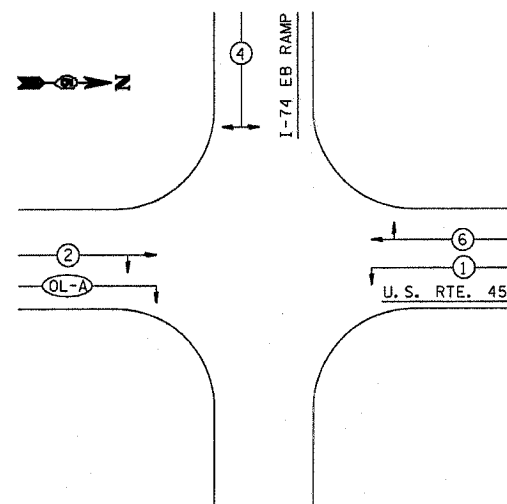


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	28X-N	CHAMPAIGN	12	6

CONTRACT NO. 70438

PHASE DESIGNATION DIAGRAM



BILL OF MATERIALS
U. S. ROUTE 45 & I-74 EASTBOUND RAMPS

ITEM	UNIT	QUANTITY
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	443
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1617
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	882
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	2308
TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	3
TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	2
TRAFFIC SIGNAL BACKPLATE	EACH	4
INDUCTIVE LOOP DETECTOR	EACH	16
DETECTOR LOOP, TYPE I	FOOT	1196
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7780
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD ,POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD ,POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C	FOOT	443

ITEMS TO BE RETURNED TO THE CITY OF URBANA

ITEM	QUANTITY
CONTROLLER	1 EA.
CABINET	1 EA.
ALUMINUM SIGNAL POSTS & BASES	2 EA.

GENERAL NOTES

1. THE FOLLOWING SIGNAL HEADS SHALL BE WIRED IN PARALLEL AT THE MAST POLE HANDHOLE: (A2, A3), (B3, B4) - EACH MAST ARM MOUNTED SIGNAL HEAD SHALL HAVE ITS OWN INDIVIDUAL CABLE FROM THE MAST POLE HANDHOLE TO THE SIGNAL HEAD.
2. THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND TRAFFIC CONTROLLER WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. POST MOUNTED SIGNALS SHALL BE INSTALLED SO THAT NO PART OF THE SIGNAL HEAD IS WITHIN 2 FT. OF THE FACE OF CURB.
4. ALIGN ADJACENT RED INDICATIONS TO SAME HEIGHT ABOVE PAVEMENT.
5. THE BASE FOR A TRAFFIC SIGNAL POST SHALL BE SITUATED SUCH THAT THE HANDHOLE IS LOCATED ON A SIDE AWAY FROM A TRAVELED LANE.
6. THE ANTI-BACKUP FEATURE SHALL BE HARDWIRED ON THE BACKPANEL OF THE CONTROLLER CABINET.