LOGAN ST.
SCHEDULE OF QUANTITIES

REMOVE EXIST CONC FOUNDATION

LOCATION	EACH
32+70.0; 31.5' LT.	1
32+96.0; 47.0' LT.	1
33+74.0; 68.5' LT.	1
33+93.2; 48.5' LT.	1
TOTAL =	4 EACH

REMOVE EXIST HANDHOLE

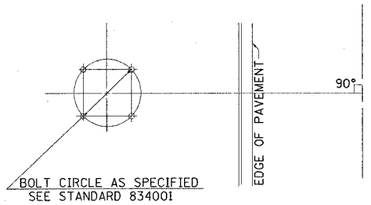
LOCATION	EACH
33+04.5; 72.5' LT.	1
33+88.5; 63.0' LT.	1
TOTAL =	2 EACH

CONC FOUNDATION TY A

LOCATION	FOOT
32+97.5; 65.5' LT.	3.1
33+89.8; 53.5' LT.	3.1
TOTAL =	6.2 FOOT

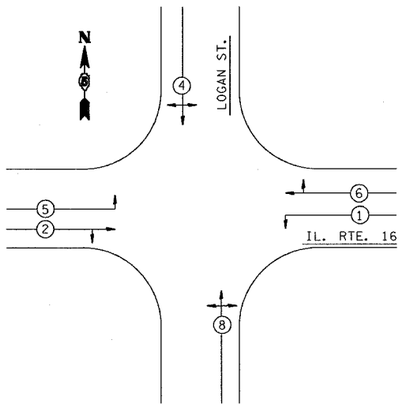
CONC FOUNDATION TY E 36D

LOCATION	FOOT
32+69.7; 45.7' LT.	11
33+73.7; 79.0' LT.	13
TOTAL =	24 FOOT



DETAIL OF MAST ARM FOUNDATION
BOLT PATTERN

PHASE DESIGNATION DIAGRAM



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	50I	COLES	26	17

CONTRACT NO. 70415

BILL OF MATERIALS
IL. ROUTE 16 & LOGAN ST.

ITEM	UNIT	QUANTITY
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	219
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	771
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	522
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	1073
TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	1
TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	6.2
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24
DRILL EXISTING HANDHOLE	EACH	1
TRAFFIC SIGNAL BACKPLATE	EACH	8
DETECTOR LOOP, TYPE I	FOOT	556
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3283
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD ,POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, MO	EACH	2
CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	105
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	82
CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	32
CONDUIT, AUGERED 3" DIA., PVC	FOOT	179
CONDUIT SPLICE	EACH	1
HANDHOLE	EACH	2

GENERAL NOTES

1. 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.
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. 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.
5. ALIGN ADJACENT RED INDICATIONS TO SAME HEIGHT ABOVE PAVEMENT.
6. THE BASE FOR A TRAFFIC SIGNAL POST SHALL BE SITUATED SUCH THAT THE HANDHOLE IS LOCATED ON A SIDE AWAY FROM A TRAVELED LANE.