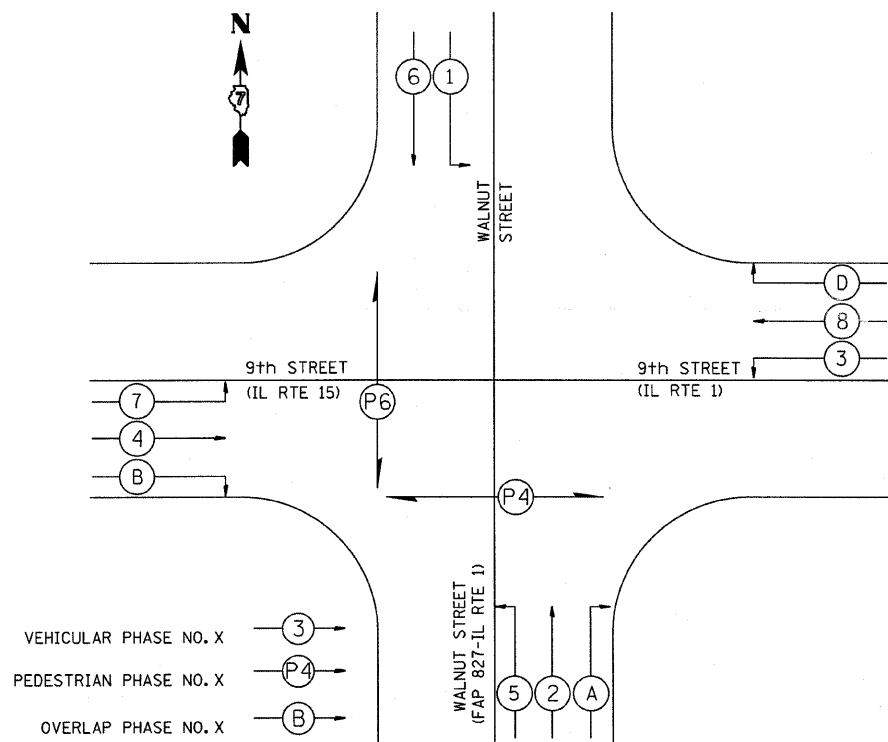


LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A3,A5, A4,A6, B1,B4,B7, B2,B5,B8, C1,C4,C7, C2,C5,C8, D1,D4,D7, D2,D5,D8	6' X 6'	NORMAL	NO	0
A2	6' X 10'	NORMAL	NO	0
B9,B10,B11, C9,C10,D8	6' X 6'	EXTENDED	NO	0
B3,B6, C3,C6, D3,D6	6' X 6' 6' X 9' 6' X 10'	DELAY	NO	15

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:
 (A1,A3,A5),(A2,A4,A6),
 (B1,B4,B7),(B2,B5,B8),
 (B3,B6),(B9),(B10),(B11),
 (C1,C4,C7),(C2,C5,C8),
 (C3,C6),(C9),(C10),
 (D1,D4,D6),(D2,D5,D7),
 (D3),(D8)
 17 AMPLIFIERS PLUS 3 ADDITIONAL
 TOTAL 20 AMPLIFIERS



PHASE DESIGNATION DIAGRAM

9th & WALNUT- BILL OF MATERIALS

ITEM	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	248.0
SIDEWALK REMOVAL	SQ FT	248.0
SERVICE INSTALLATION, TYPE A	EACH	1.0
UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	223.0
UNDERGROUND CONDUIT, PVC, 1/2" DIA.	FOOT	600.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	167.0
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	331.0
UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	32.0
HANDHOLE	EACH	7.0
DOUBLE HANDHOLE	EACH	1.0
GULFBOX JUNCTION	EACH	3.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK.	FOOT	822.0
LIGHT POLE, WOOD, 35 FOOT, CLASS 3	EACH	1.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	368.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1885.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3235.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	3500.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2C	FOOT	157.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	716.0
TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	2.0
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	3.0
TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	2.0
STEEL MAST ARM ASSEMBLY AND POLE 38 FT	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	2.0
CONCRETE FOUNDATION, TYPE A	FOOT	18.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	59.5
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	7.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	24.0
INDUCTIVE LOOP DETECTOR	EACH	20.0
DETECTOR LOOP, TYPE 1	FOOT	1900.0
PEDESTRIAN PUSH-BUTTON	EACH	4.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	8.0
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1.0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8.0
REMOVE AND RE-ERECT EXISTING SIGN	EACH	4.0