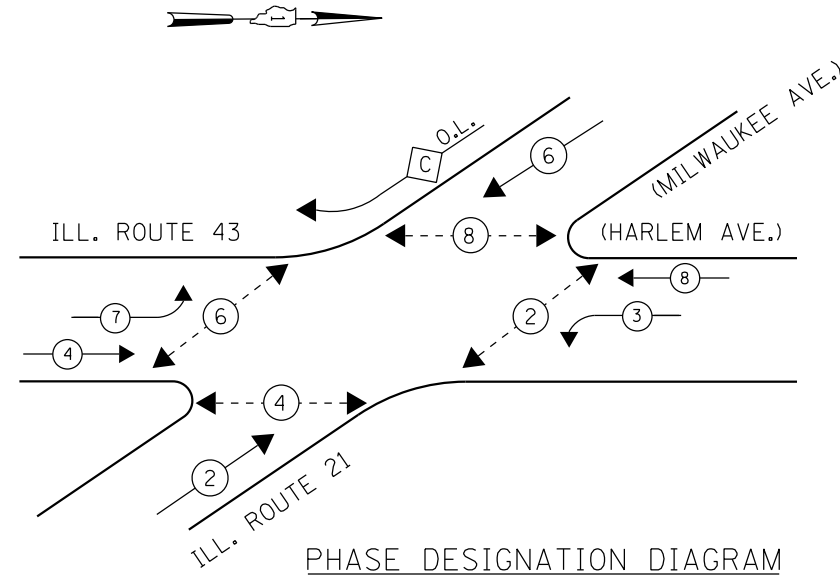


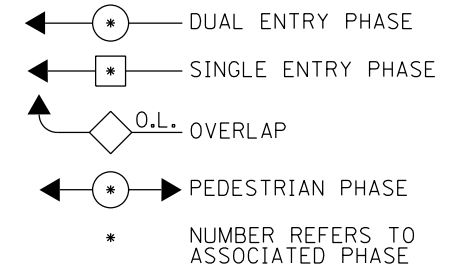
SCHEDULE OF QUANTITIES		
QUANTITY	UNIT	ITEM
112	SO FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
20	SO FT	DETECTABLE WARNINGS
10	FOOT	COMBINATION CURB AND GUTTER REMOVAL
112	SO FT	SIDEWALK REMOVAL
10	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
54	SO FT	SIGN PANEL - TYPE 1
57.5	SO FT	SIGN PANEL - TYPE 2
63	SO FT	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS
412	FOOT	POLYUREA PAVEMENT MARKING TYPE I-LINE 6"
103	FOOT	POLYUREA PAVEMENT MARKING TYPE I-LINE 24"
469	SO FT	PAVEMENT MARKING REMOVAL
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1187	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
78	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
126	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
750	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
7	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
3	EACH	DOUBLE HANDHOLE
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	TRANSCEIVER-FIBER OPTIC
2071	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
2386	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2882	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1419	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
4136	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
228	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
1033	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 22 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 26 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 28 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 32 FT.
20	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
11	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
1	EACH	DRILL EXISTING HANDHOLE
7	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	COMBINATION SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION BRACKET MOUNTED
1	EACH	COMBINATION SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 1-5 SECTION BRACKET MOUNTED
2	EACH	COMBINATION SIGNAL HEAD, LED, 2-FACE, 1-5 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION BRACKET MOUNTED
6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
10	EACH	INDUCTIVE LOOP DETECTOR
625	FOOT	DETECTOR LOOP, TYPE I
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
8	EACH	REMOVE EXISTING HANDHOLE
1	EACH	REMOVE EXISTING DOUBLE HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
259	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
21	FOOT	PORTLAND CEMENT CONCRETE SIDEWALK CURB
121	SO FT	BRICK PAVER ACCENT STRIP

\* 100% VILLAGE OF NILES

### CONTROLLER SEQUENCE



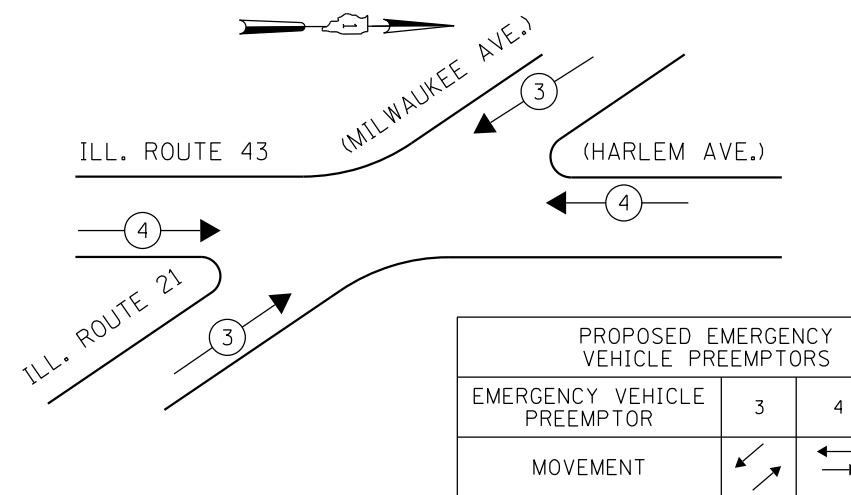
### LEGEND



OVERLAP PERMISSIVE PROTECTED  
LETTER PHASE PHASE

C = 6 + 7

### EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↙ ↘	← →