

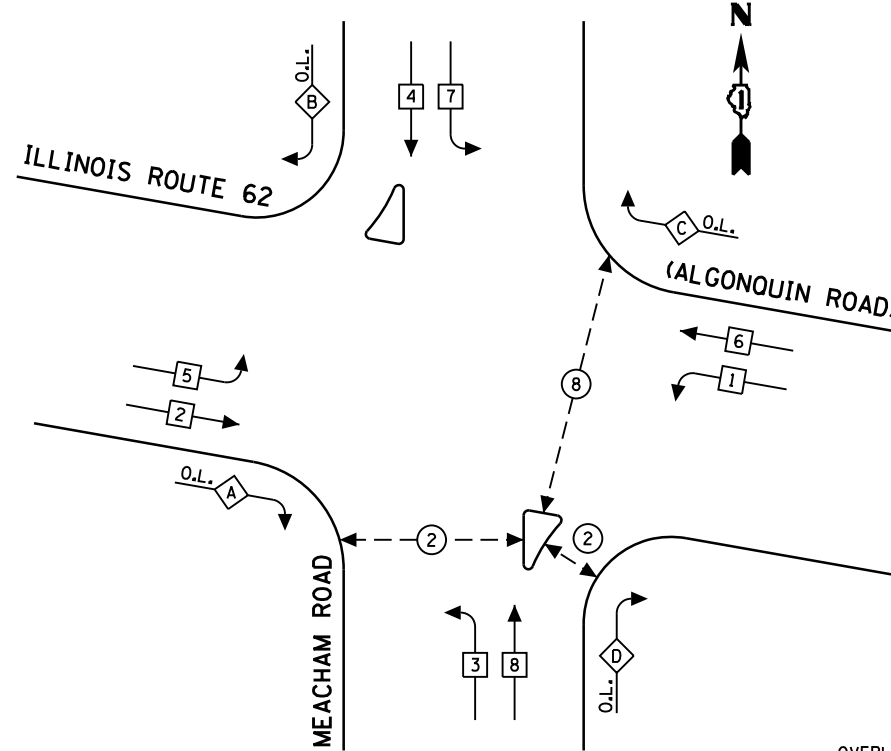
SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
20	FOOT	EXPLORATION TRENCH 84" DEPTH
78	SO FT	SIGN PANEL - TYPE 1
32.5	SO FT	SIGN PANEL - TYPE 2
1349	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
94	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
33	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
715	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
8	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER-FIBER OPTIC
750	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
2004	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
3180	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
2015	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
3953	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
58	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
922	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 36 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 58 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.
12	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
33	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
21	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
1	EACH	DRILL EXISTING HANDHOLE
8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
13	EACH	INDUCTIVE LOOP DETECTOR
1017	FOOT	DETECTOR LOOP, TYPE I
5	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
• 4	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
• 1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
11	EACH	REMOVE EXISTING HANDHOLE
2	EACH	REMOVE EXISTING DOUBLE HANDHOLE
8	EACH	REMOVE EXISTING CONCRETE FOUNDATION
• 1109	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
1	EACH	ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

• 100% COST TO VILLAGE OF SCHAUMBURG

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILLINOIS ROUTE 62 (ALGONQUIN RD) AND MEACHAM ROAD. THE EXISTING LIGHT DETECTORS ARE SEPARATED AND SHALL BE DIVIDED, INCLUDING THE CONFIRMATION BEACONS, FOR MOUNTING AS PROPOSED IN THE PLANS FOR NEW SIGNAL PHASING. THE COST WILL BE 100% VILLAGE OF SCHAUMBURG RESPONSIBILITY.

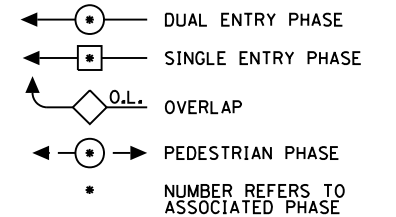
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
C	= 6	+ 7
D	= 8	+ 1

LEGEND



EMERGENCY VEHICLE PREEMPTION SEQUENCE

